open for business

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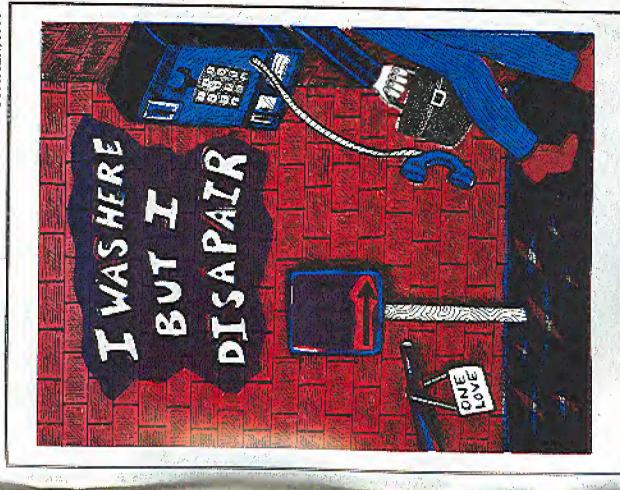
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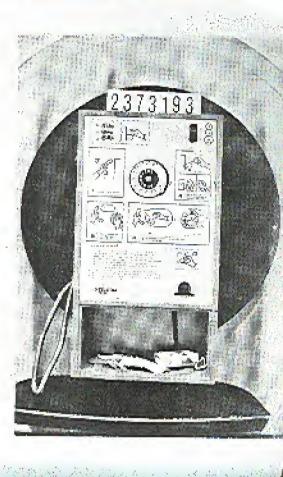
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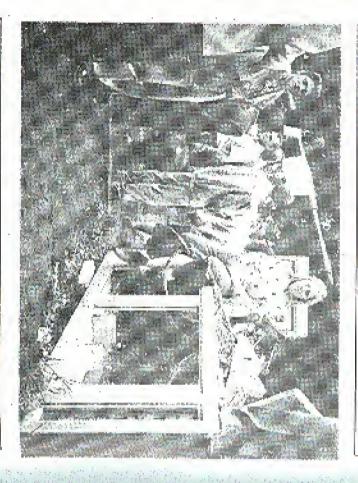
VOLUME FIGHT, NUMBER TWO

SUMMER, 1991





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NOT.

1991 2600 Magazine

Summer 1991

e Foge 3

Where Have All The Hackers Gone?

questions consisting today. Only a couple of of topics, from telephone switches to 81 of ma latest operating systems. Lacking back Knowledge was spread freely on a multipude Hacker beliefin boards were everywhere. years ago, things seemed very tillerent. This is one of the more common

by stack, modern paraphernatia that too rapidly becoming a memory, to be replaced primarily. One, naturally, is the technology it all seemed so magical. often seems to miss the point entirely itself. Antiqueted telephone equipment is change, however, is more troublesome. The Computers are becoming increasingly apparently at almost any cost desermined to rid technology of hackers. measures of a misgolded few who are are becoming affected by the drabbles people who make up our unique community integrated into our everyday lives. The other So what has changed? Two things

lound themselves the targets of raids by victimized in countless hacker hunts government agencies, even though they hackers to communicate have repeatedly Bulletin board operators who allowed Other examples include parents relationed shegun Not surprisingly, this dign't work a Magnatten apartment, apparently New York State Police forced their way into that had been confiscated was never cases, no dranges were ever sted. Yet much suspected of being a hacker; to some the Searet Service, their child having been home to and their front doors streshed in by to per own system operator in July of 1985. themselves were not backers. It happened hysterical parent was to reveal their returned. More recently, goods from the beloving that the best way to calm down on We've seen many innocent people

bagiaring, it was easy to leugh when every page of this publication. In the search to wood out the hackers could fill depent geogle have been subjected to in the mood has slowly been changing over the confused government agents confiscated Students are temp taken out of school and years. People are really getting hait new TV sets and rotary telephones. But the The absurdities and Indignities that

sent to prison for such offenses as copying password protection, or just being files, secassing systems that had no mischievous. It's reached the point where aside as is the weak security that allows violence, primerily because of the potential wanthy of punishment than crimes of their "crimes" are viewed by some as more rackers are not malicious is simply bashed for damage it they decided to be malicious 985) 800988 to 80 many The fact that the overwhelming majority of

primarily interested in probabing corporate as it became clear that our courts were individuals began paying a heatly price. rights, it was only a matter of time before We can't say we're surprised. As soon

without his/her permission. But TRW can collect personal data on the individual cannot take TRW to could because they rigores out how to ascess the system. the system back in 1984 what TRW was doing unit hackers revealed claim its privacy was violated if a hacker ironically, most people didn't even know Let's examine the facts, An individual

personal tres on users' computers, they to have faulty software that gave the to no good and he is beared the a criminal no such luxury. It's assumed that he was up ocipersta document on Ns system is given listaned. But a backer found with a explained themselves and everybody appearance that they were able to read Whan ISM's Prodigy recently was lound

hackers were imprisance for nierely absurd, trumped up charges. (The Allenta accessing a system that had no password!) believed without question. But it an 911 document that they dained was worth about the value of a document in pour (The se soon learns how impossible justice is plis corruption wishes to be comparisation. individual whose the has been shaffened by justfy their actions (revealed on page 6) is The ridiculous pricing scheme they use to \$60,000 was actually worth less than \$15. Yet Bet South is caught red-handed lying Ball South is able to put people in jail for

corporate 'privacy' being protected at the Again, there are countess exemples of

> now king it will take for mainstream society trightening sceneric and we have to wonder expense of individual liberty. It's a very works only superpower, what or who was to see the brest. Now that we the in the become the sier enemy?

wrong to whe place, we are as guilty as if we around us and by silvering what is clearly cannot be forgiven. Things are changing as people keeping a low profile. But Identia hacked to take. It's not surprising to see As of this is a bit much for the average

bulletin board where people can observations very meaningful way by running a computer any open You can ship exercise that right in a a risk you must be willing to take. After all, said. You may get a the started on you, But it's people don't like or understand what is being government agents or corporate security treely. You may get your door kicked in it had done a ourselves magazines emerging every year. real. If you doubt this, consider the fact that the norm, newspapers and magazines will be bulletin beards with the government becomes late our everyday lives. Il registration of this read, restrictions on speach and assembly what is the alternative? If we continue down there are more electronic newspapers and will extend beyond the world of computers and Expedien of speech must be preceived all

terms and remain undergraphed like interested in learning. It makes sense not to to the hacking community. originals is the worst thing that can happen larger game. To submit to unacceptable that we have become pawns in a much \S es involved in all of this crap. But the fact is Admittedly, a lot of us are really only

elements that once were so common. As incredible number of topics waiting to be perspective. The hundreds of legendary files see more people writing born the harker well as an increase in boards, we want to isolate. There are also many people who updated and rewritten. shout various operating systems need to be begin. The key is to share priormation. The individual perspective but don't know how to want to learn about technology from an rock will follow. We have to accentuate the positive There are an

assumed to be on a quest for knowledge and habit of suppressing internation. It's a double lendences. The most prevalent of these is the We must also get rid of our negative

result in a much healthler society. The manipulate leghnology to its advantage will people who want to learn, not just share scalplaying. There are an incredible number of game that the people who stand against us also self-optening. And it's playing the sense then keep it to yourself when you obtain it. It's influencing which becomes reality results. A populace that knows how to We are in the unique position of greatly apposite is too halffying to even contemplate.

and machiners and to cloud the reason we backers than any government agency ever apparent resear is doing more against data, or dear artylking maticious for no course, anybody who crashes systems, wipes as the means to look out others. And, of got involved in the tirst place. They also surve move harm than good in the trig picture. Egos THE PROPERTY SECTION. expensity scarce in the hacker world, a lect could. Fortunately, these Xnd of people are "Elita" hackers and hacker "gangs" do

themselves from what the younger hackers are ooling. They believe the way to do mis is to older hackers who went to distance cast them "crackers". It's an all-conceived create a new lated for the "undesirables" and it in for Multies from the start. Mit hackers information and here access to computers, had else that would inhibit the sharing of who althorised computer securely, or anything described computer backers, those at MIT (reviewed on page 42): The earlest selfhackers remas from the book Gyrospank split the community. This description of attempt at manipulation that simply serves to gunks" of loday. The fact is, we all speak a and accasionally they succeeded. Those categorization is not the answer. different lorms of backing, further common language. While there are many were the "old-style" hediers, not the "young otten tried to bring the system to its kneed, Another form of elitism can be found in

repest history yet egain. of fear. We hape to see more people do some would like you to believe they have. haven't really gone anywhere, withough into new and uncharted territory or simply our effects will determine whether we move information flowing again. The strength of whalever they can to get ideas and before. But they are becoming Invisible out There are many hackers today than ever Where have all the hadders gone? They

means he determed Such weathn front and conspiration is critical in local. The fact the the third Super processed calculated in \$79,450. Now that full mileter and an order computer system were included as part of the expense benefied in any put has preparent figures without greaters is their proof of whose increase are being preserved - at wholever con-The following better to what period on exists \$11 december faces to 1800, it replices how he would of the december was

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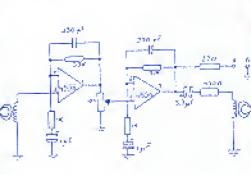
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to higher than the magnetic story, yet are note. See the a dearest matter executes the information is encoded or not internation has and majorite and to moder. The new dat what's on the code is these individual. とはないであるのはな 下のと that you want to only. As long in the vote head of your opins is the conditionation and height of the track with the information were in good and found this eq. of limited and art and according The first project of mentioned before is to copy the

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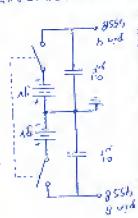
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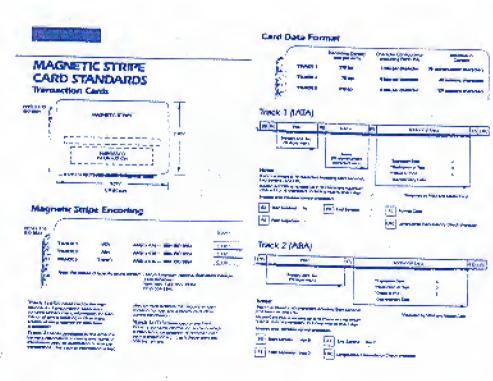
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da Dreibert

\$25 billion NYNEX Corporation has (including reyself) felt like they were York Telephone, many NBC employees repeatedly denied allegations that it of divisions and ambdivisions which Telephone. It was a confusing hierarchy itself is part of a still larger division Business transactions between the telephone Commission investigation by the Public Service part of a hogo, mysterious shell game with the hillions in revenues from New subsidized its unregulated businesses seasons (or managers). Although the seemed to change as frequently as the companies such as NYNEX Mobile that controls their other "enregulated" the CASE software giant AGS), which Corporation division (which also owns NBC was a division of BISC, the the telephone giant from the inside years, and I found it interesting to see In fact, NYNEX is overcently under to internally) for the last four of its five I worked for NBC (as it was referred Information 60T Signationable Systems

company and its subsidiaries. For a brief bistory, NYNEX Business

death of nynex business centers

ћу Апопушова

resolver Composernone. and customer base to rival computer Changes sold its entire operation, assets, On Jone 1, 1991 NYNEX Business

5

two other failing computer ventures. Buch Cepters was itself born out of the ashes of

IBM's chain of retail

Product Content) wasn't performing up to

mismanagement and miscalculations, the an ampendent park. with a company whose name sounds like NYNEX employees either without work or under a cellular, and more, In the end though CLASS hardware, multimedia, facsinals, computers, moderne, integrated voice/data technology products, such as deskrap ComputerLand stock, leaving some 0 plan and was sold in the highest hidden division failed to meet its five-year profit terminals, videotext, ISBN equipment, synergistic computer/communications home and business markets for new Company to capture the long-predicted serious attempt yet by a Bell Operating The five year experiment was the most \$123 blacket of bureaucratic million 5 CORD 004

location, can laws, and its proximity to

were built in Atlanta for its central beacquarters, and warehousing facilities meree center (with an IBM 3090), employing nearly 2000 people in over eventually tentiting a distribution network computer chain at about the same time batt, and also bought the failing DATAGO employees be retained. NYNEX took the the block with the stipulation that all Big Block expectations, so they gut it on microcomputer stores (known as IRM

major air transport facilities.

stores when locations in most states. The

8

equipment, and from developing and business and consumer databases, manufacturing, and muckeling their own convious the U.S. Justice Department to great AT&T breakop/divestitore that markeling information corrides (such as (MFJ) that forbids BOCs from developing. evertors the Modified Final Judgement labbyists and PR army in an attempt still is) employing les Washington market non-telephone products and (BOC's) to compete more freely and services. At the time, NYNEX was fand allowed Hell Operating Companies This was barely two years after the

Content because there's billions of dollars at stake, simpst certain to happen eventually campaign which never bare fruit. It's unprecedented, self-labeled "grass reets" NYNEX kept up the deregulatory fight competitive market they never could back. Hewlett-Packard, etc.) in a highly administration was having such a ball Chair legislators to threshold to GCB to an though, urging its employees to write products (such as IBM, Compan. Apple reselling only other manufacturers' any new parties. So, NBC was Emiled to deregolating the S&L industry that they electronic yellow pages, etc.). but it's too late for NYNEX Business never got around to earling the ribbon on Swidently though, the Reagan

JEW-DISM

to sell his computer equipment. District Judge F. Frederick Mote) ordered Rose atmosphere of this character the judge (11.5) To further intensify the witchbuch

time to come, something that will get But they may be forced into hilling for some epitomize this said will also never disappear. source node if you were capable of technology back significantly. way of boonding back and surviving. Hackers secons to work because human notice has this heman nature in various ways. But it never ages, we've been panishing and suppressing understanding it and if it happened to be wishin many of you gould resist a glance of CNIX them is the confines of their own home. How year grasp? It's hugan patine to be corious. For locating at programs and experimenting with with a system that looks people away for just cracy here is that notwely is saying that Rise could have been endered to pay restatisfion to like to know how many people are comfortable septence, that would containly suffice. World year. If the case has to be stripped up to each didn't want him to see, so he was put away for a Raisically, Rose got would of something AT&T with the source code, other than examine it ever broke into a system or even did anything charge him with this crime.) What's particularly AT&T, presumably for the reseme of having to to send another message to as all. (In fact, 2000) ever handed down in the harden would, no ducks This is certainly one of the stiffest scutenies

For those interested in writing to Lot Rose

From: len@netsys.NETSYS.COM (Len Rose)

Newsgroups; comp.dcom.telecom

his address is: Stateral Prison Camp, Seymour Johnson AFS, Caller Box 8004, Galdyburg, NC 27531-5000. Whele some heaters are going to jult, others

of the Legion of Doorn have trained up to seet Compact Data Security in Education. are trying to sell their talents. Former members

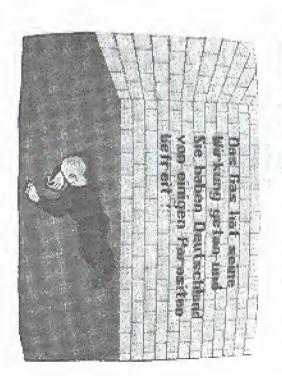
the leaders in duta security." organization this amimor. "People need us." "We're the best Ten years from now we'll be said Hudiday, whose real same is Scott Chasin. Rolliday, and Malefactor started the Former lackers Erik Bloodaxe, Dec

condesplace. We were all the criticip of the drop of the computer underground and know what actions to take to second them. provisely have systems are compromised and security consulting in the feel that the see Intelling a fresh approach to According to Compact's press release. "We 00(1904)10

penetrating systems to be 20 to 85 percent. The group estimates its success pare at

though facting the outrest paradole would pieke their eliegus on just what a hacker is, even the Reyro, his western. The soid therm they educating the hacker world rend to look upon Courses. what it is they do and how good they are. We will reserve any judgement until we see just hickers to do seconty for them. Those will be with a mixture of suspicion and comempt. We publicly, shall they would never trust former Starty in the corporate world say, at least

(Except for the area code, that number is real similar to cers!) Compact cap be reached at 713-721-6500.



circulating throughout Germany. One picture depicts a Gestapo agent torturing a thing is the Simon Wiesenthal Center, 9760 W. Pico Blvd., Los Angeles, CA 90035. have freed Germany of these parasites." One group fighting against this kind of prisoner. The other is a congratulatory message: "The gas has taken effect and you Got your attention, didn't it? These are pictures from a neo-Nazi computer game

Date: 21 Jun 91-23:27:01 GMT Message-ID; ktelecom11,481,7@ee∕s.nwu.edu>

d will be off the net for about a year I suppose. Many of you deserve Watch yourselves, it can happen to anyone. more than just "Thanks" and some of you deserve utter contempt. Just a quick note to say Goodbye to many friends and compatriots.

Page 12

2600 Magazine

Summer 1991

Build A Tone Tracer

that the polarity of a phone line, mights measure seen a device called a "cone tracer". These little your can tone tracer from a handful of parts for just a arctinuity, and provide "talk power". You can baild large calife foundle. A time tracer also can be used to be physically tracked or essaly salarithed what in a place a tone on a subsplaces of the pair to the pair cas timpersons. The mein function of a time transmiss to devices oner around \$30 and are used by telep telecammunications equipment, you have probably If you have ever browned through catalogs of

Circuit Description and Operation

K2, K3, and K4. Q1 and Q2 Sam a push-pull amplifier the steady and whether times in controlled by (2), (2), control the rate of the words tone. The frequency of which between along and solder treat OI and RI circuitry basically consists of two parts; a tone whose tone output is rapositively coupled the phone THE PERSON WITH THE PARTY OF THE PERSON WITH T goods 10 to mid 10 th shoots with Oa, Oa, Re, Re, and generale either a steady way in a wartile basic NOS हिनाबराजीन करते का अस्मिनियम जीको धेनान हिनाबराजीन देशक Please refer to the schematic diagram. The

tine, a load cone will be heard. When SI is set high, powers the tone generating and amplifier director. If will be a warble base. there will be a whosely trace. Whose SI is not low those the long treat is carrieded to a speaker or a phone When switch \$2 is set to TONE, the 9V battery

couple of lineman's handwise in basic phones. This way aummunications can take place over short the tone tracer will provide enough voltage to prove a dead (there is no rollage whatsoever on the line), then provides with prover. If the places line is completely connected to a phone line, the time tream now that is excuested earner the lane traces also, when leightness of the LED will may with the excitations. Panetices as a busic continuity checker. The connected to D1, S7, and R8. The device now When 32 is set to CONT, the SV hattery in

will light. If the show are reversed, the LED will not connected to the tip (ground) title of the tree, the LEO the time, and the alligator olly marked the tamarked PENG is connected to the ring (1-8%) sole of R8 are cannoted across the phone line. Now the time tracer is connected to a phone time, R1, D1, and does not power the circuit at all. However, when the light Typically, the tip wire is green and the ring wire polarity of the line can be checked. If the alligator dip When S2 is to the content (if) pusition, the battery

Also, note that when connected with the correct

present, the LED will lead, book and dim when all book. When a ringing eigned w prisery, the 1320 will be begint when the line is on-

Construction, Testing,

and Tracing

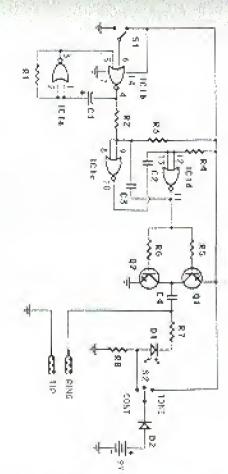
molecule. For any versionar, you may want to entered a breadboard to it can be built into a compact, hundbeld BOOLSHOOSTU to get your tree outsiles (C. All parts are available from Mouser Electronics Call large traces. Also, you may want to take a socket for the phone play as well as allignian clips to the outper of the You will probably want to solder it together on a world straightfurward and doesn't require any specific legant. Construction of the tone tracer as lainly

checked all the uninections, occoper it to a senal for you in divide out on your own. some time. The other miner functions chimid in conto a phase line, lift your phone of book, and do the Then decreased the eposition, connect the base tracer should been a rether obsessors tare. Toggle 84 to make suce you get both worble and shorty most. speaker and awitch St into the TONE problem. You After you have constructed your unit and double

writing. You will need to rotate the pidoup for the least sutup is vulnameble to 60 Hz ratios from riostrical Stock Window I or to water of the other street the to TONK You will be able to been the time when the Connect the tone tracer to a plane tine and a witch 82 want to do that. A marginal alternative is to see a from senateh is the first plant, you probably don't time tracer, you maild spend \$40-60 on a "tax peobe" the job quicker and simples. To trace the tare of our digo need to be braited man berndeals, etc. It makes to be made to the line, those no wines need to be out, no inductive pickup of some such Inductive bacing to Manager of parameter pickup should improve things. Unfacturabily, the products believed years close to the cathle or has ferroment and a suction cap pickup (Radio Shack 44-500) loseje systie sengilifer (seuch au Sudin Shaek 277-1008) type auductive pideup designed for the purpose. But since you went out and built your own time treasu advertageous because no physical connections need Tope tracers are designed to be used with an

Carden Words

DETACHED OF THE premier is your profes plus 0002. Of source, you need changes way. In most arrow, there is a test number So instead of shelling out some such to Specialized to know the test another in your area to take line. For includes, in contain parts of Odification little electronically inclined, there is an even earner and cheap circuit. But for those of you who are not you can dial dian puts a look 1004. He done on your Products or Jensen Torks, you was build this shirtples A case tracer is a handy thing to have at times



PARIS HOLD D1-18-18-28

C4- 14 pF 100V G1- ,47pF electroydic G2, G3 - .D1 just manalithic 20%

Official standard LED D2- 1N4004

ICS: 4001 CNOS quad NOR OT- MPSAGZ FNP

OR- NOSAAR NEW

S2 ON-OFF ON FIZ: 470K 1/4W S1- SPDT D3- 8.2% 1/2W BY 1X 1/4W PB, S4, P5, R6- 100K 14W

Additional parts: large alligator clips, modular phone plug. 9V battery and olig. IC socket, endiasure, PCB

TONE TRACER SCHEMATIC DIAGRAM AND PARTS LIST

Page 14

Summer 1991

hacking mcimax

into the MAX database which statements for products, guidelines discounts for products, companison current usage rates and volume retrievable for each service includes Sprint products. The data many MCI as well as AF&T and US and current product promotions. for entering and processing orders, matrices, feature, and benefit contains information concerning MCIMAX is actually MCI's link

information about MCT's domestic This srticle will deal specifically with MCIMAX, containing

database. You should now be in the is MCIMAN and a password is not example, 500 to 536 is the Southwest ### is the branch ID number. The prompted for a Sign-On Number divisions). At this point, you will be divisions) or L PREFSAC (for or network hopping. From an MCi database remotely either via dial-up an MCI terminal. I am writing this MCIMAX databasa. required at this time to access the Division range). Your volume name branch IDs go by hundreds (for Sign-In Number, enter R### where Volume Name, and Password, For Midwest, Pacific, Southwest, or West (for Mid-Atlantic, Northeast, Terminal II) Screen, type I. PREF you can access the MCIMAX article under the assumption that · MCIMAX can be logged into from OH Internationa

through Z, containing the following book. There are 26 chapters, A MCIMAX is structured like a

> F Hotel WATS Vicesicas PLUS C Operator Services B Dial "J" (Premier Calling Plans A Reserved D Corporate Account Ser-

G University WATS

J PRISM III I PRISM II

L MCI 800 Service

P Worldwide Direct Dialing

S Terrestrial Digital Service 1.5 Q Digital Gateway T-1 Access R Fractional T-L'DSO and VCPL

U Switched 56 Kbps Service T Digital Data Service (DDS)

V Hospitality Plus W MCI Network

Z US Sprint Competing Products YAT&T Competing Products

chapter, but if not, you should place sections within the topics of a screen should contain the pertinent Call Processing, Target Market, and an X by the section which you wish information as to how to eslect your Sales Successes). The bottom of your Description Introduction, Overview, Chapter K, PRISM PLUS, Topic 1 is topics, sections, and items (i.e. in Description, and sections include Within each chapter, there are

information is via the Index. From Another way of accessing

> the exact index entry. For access to word or a letter if you're not sure of alphabetical list of topics within the typed A, you would be given an example, you would type ATT 800 AT&T 800 Readyline rates, for your screen, you can type an Index your strow prompt at the battern of list, and on X by the topic will go to moves from there to item from the READYLINE, RATES. If you simply that Index item. Index from which to choose. Tab

medias include: Function keys to use with these

page/topic. PF1 Displays previous

#* PFS Exits to MIS lego screen. #* PF2 Displays next page/topic. PF4 Displays table of contents.

#* PF5 Lists the chapters in the

chapter/yodune. #* PF6 Lists the topics in the

* PF7 Lists the sections in the

index entry/displays the index. #* PFS Allows you to type an

chapter in the volume. # PF9 Displays the previous

in the volume. PF10 Displays the next chapter

or glossary options/shows more #* PF11 Gives access to bookmark

bottom of the screen) on and off. # PF12 Toggles the menu (at the

Contents and a * indicates use with (A # indicates use with Table of

when asked. To go back to where you were, hit PF11 again. From the Then enter a name for the bookmark options, hit PFS to set the bookmark. time. Using the PF11 key to see the you to beturn to a set screen at any The backmark function allows

> bookmark by entering PF10 and PF11 menu, you can retrieve a choosing the name of the bookmark

defined at the prompt, or enter a PF1 key to get a list of glossery toggle. Once selecting PF8, use the screen's display does not have FF8 in MCIMAX. If the bottom of the blank line to return to your previous terms, and enter the term to be indicated as "Glossety", hit PF11 to There is also a glossary available

you're toying around with if you systems, it is good to know what Stringistal stumble upon one. Good luck and telecommunications Although this system is not as computer

specific details. Friday of every local time. Sec San Francisco mouth from 5 New York and page 41 for pm to 8 pm on the first meetings in 2600 has STEATSOUR

Inspect Implementation

of the owns interesting sections. Condor Woodstein. We will guote some information wishes to be known as The employee who supplied this implementations on Digital's EASYnet We received on internal document SAYMANONOO (3127099

complete the process by providing a greater level of reporting than exists before available, Additionally, it will system manager with a new level of SECURPAK, and will provide the security tool is being released for all system security testing that was never VMS systems. This tool will run with improve upon our planning, a new the area of security. In an effort to [sic] could this be more true than in to plan is planning to fail.' No where "Someone has written that failing

compliance with this security system to ensure that it is in Corporate Security Standard 11.1. When run, INSPECT will check a been developed to meet the rigors of Examination/Compliance Toolset, has Interactive Network Security Policy VMS nodes of the EASYner INSPECT ...INSPECT will be required on all

tests for the existence of INSPECT on The XSAPE security testing tool now security tool, just as SECURPAK is. INSPECT. INSPECT is now a required pass-thru server must also install who is serviced by an area 15, 34, or 36 eystem in a hidden area, ie: 62, 63, system by December 30, 1990. Additionally, any system manager of a install the INSPECT tool on their Areas 16, 34, and 36 are being asked to "All system managers in DECNET

your node.
*...Presently, Digital Equipment employee, and it is a resource that safe guarding [sic] our resources. that will assist the system manager in must be protected. INSPECT is a tool resource that is available to the Digital EASYnet represents a wealth of target for backers, and others. The world.' This network, EASYnet, is a proprietary computer network in the Corporation owns the largest

node, in an angaing manner, and system. They are: purpose is to check the security of your actual investigation. INSPECT's review 5 major subsystems on your the inepectors, and carry out the specific task. Agents are generated by Basically, inspectors are assigned a pertions, inspectors and agents. "INSPECT is divided into two

writeable [sic] files. protection, public and private, world ewnership and protections, overall file "File Subsystem: system file

ownership, proxies, eystem support privileged accounts, and mactive accounts. "Account Subsystem: checks for accounts, account

network objects, DECnet access, Dialop and LAT protection. "Network Subsystem: checks

SYSGEN parameters for changes. *SYSGEN Subsystem: compares

security auditing and OPCOM. "Audit Subsystem: checke for

by the system manager. This report subsystems to the Security Office, as well as generates a report to be used reports the findings of these automatically every 28 days, and "At a minimum, INSPECT rone

> security boles. can be used to correct potential

whenever increased activity is noticed unaccountable changes are found, or change made to a system, whenever INSPECT he run whenever thore is a manager, and it is encouraged that run on demand by the system "Furthermore, INSPECT can be

responsibility to check for VAXmail corrective action if necessary. > messages from INSPECT, and take becomes part of the system manager's ensure that this is performed. It developed. It is up to the discretion of does not apply the patch that is that will 'patch the hole.' INSPECT creating a DCL command procedure issues, it attempts to resolve them by INSPECT finds potential security manager and the Security Office. As on your system. the individual system manager to capabilities to both the system ...INSPECT provides reporting

understand what LOCKDOWN is and system manager to ensure that they CTILIZED ON ANY SYSTEMS ** *** LOCKIOWN SHOULD NOT BE what it does. Until otherwise notified. LOCKDOWN is being provided to the "Information regarding

a file in the SYSSMANAGER LOCKDOWN, LOCKDOWN is a directory. This file is named: Whenever INSPECT is run, it creates default feature of INSPECT misunderstood features of INSPECT is "Perhaps one of the most

and is readable by the system this file, or apply any patch to your manager, INSPECT does not process each violetion that INSPECT finds, name_LOCKDOWN.COM *SYS\$MANAGER:INSPECT\$node-'This file contains DCL code for

> n VAX mail is sent to the system authmatically placed in the Regional information. This information is violations by sending a token of node detabase. notifies the Security Office of the acde INSPECT found, INSPECT also contains all the security lesues that manager for review. The VANnail

system manager will become families reviewing the LOCKDOWN file, the regularly running INSPECT, and helpful. should find the LOCKBOWN feature is approve the processing of them. By up. Ail the system menager has to do a security issue have already been set all the necessary commands to correct find LOCKDOWN to be very helpful as this manner, the system manager will understanding of LOCKDOWN manager. This is key to the procedure does not make any changes should be made, and the LOCKIHOWN prompted to determine if a change options for the system manager to use. interactively, and 'suggests' values or with what needs to be done, and that you do not approve. When used in without first consulting the system INSPECT will not change anything The system manager is always "...LOCKDOWN

zead and utilize this code. Some of the do for you by default are: managers are encouraged to carefully generate a much lerger file. System Larger systems and clusters will block command file of DCI, cade. accounts, INSPECT generated a 75 items that the LOCKDOWN code can *On a test Micra-VAX, with only 8

accounts have a passwork minimum of *Ensure that all non-privilege

have a password minimum of 15 "Ensure that privilege accounts

system. At the end of an INSPECTion,

characters.

Delete SYSUAF entries for SYSTEST_CLIG, and PUBLD.

Modify SYSGEN LGI (legin

*Ensure that all accounts expire.

*Enables VMS Accounting and

WDIT.

"Set protections and ACI/s on files
appropriates with standard 11.1.

in apportance with standard 11.1.

"Rename the DECast SYSUAF

"Rename the DECnet SYSUAF entry to DECnet\$SERV.

the default, 'N'. In this case, VMS ACCOUNTING, you would use don't want ACCOUNTING running. In evaluation of the procedure's contents LOCKDOWN would not start LOCKDOWN regarding the running of this case, when you are prompted by have flear? disk space, and probably you are running on a smaller VAX, is: commands to start VMS accounting. If Por example, LOCKDOWN inserts other layered products on your system. LOCKDOWN procedure may effect is encouraged. It is possible that the LOCKDOWN procedure. Careful Micro-Vax or a \$100, you probably cautioned against blindly running the inetallation, the system manager is ...As indicated in the INSPECT v2

"... Every 28 days, at minimum, INSPECI will check your system and send a token to the Security Office." The Security Office is a special node that is set up to receive these tokens of information and process them. Within Central States Region, a node is being set up that will be the focal point for INSPECT tokens. The Security Office will be able to track nodes throughout the Region, and ultimately Corporate Security will be able to track the entire EASYnet. Nodes suspected of being open to intrusion will be contacted and

required to take corrective measure.

Perhaps one of the more important features of the Security Office is its ability to generate mail messages. Security managers will be able to review the results of the INSPECT tests quicker, and can utilize the notomated features of the Office to mail discrepancies to both the System Manager and the cost center manager. The office can generate 3 types of canned reports:

 A report of all nodes that have sues.

⁶2. Generate VAX:nails directly to system managers, with a copy to the cost center manager, for every node that has an issue.

"3. Generate mail memor sent directly to System Managers, with a copy to the cost center manager for

"Agents are generated by the inspectors, and carry out the actual investigation."

Missing Tokens'. This memo indicates that INSPECT either is not running on your node, or has not been installed.

"...INSPECT will be used in conjunction with XSAFE. In fact, XSAFE now checks for the installation of INSPECT on your node. Any node that does not have INSPECT installed will be flagged by XSAFE as a violation.

"For those who may not be sware, XSAFE is an external tool used by Corporate Security to test every node on the EASYnes each quarter, XSAFE actually attempts to break into a node

by logging into known accounte that should be turned off: It checks file privileges on system and network files, and performs other security tests. At the end of the test, the results are VAXmailed to the SYSTEM account where the system manager can read it and correct the issues. Additionally, the results are sent to the moster XSAFE database. Quarterly, a report is generated showing the results of all XSAFE testing in the geography. Nodes which contain failures are contacted and requested to address the violation.

"...Hidden areas are actually 'small or local' DECnet areas within larger DECnet areas, and are used to place additional modes on the network when network space becomes scarce. A single large DECnet area may have many, smaller hidden area is separate from the hidden area is separate from the EASYnet, but connected via a pass-through server. This server clows the hidden area users to access systems and data much as any other systems and data much as any other system, except they must pass-through the server to get to it.

system that connects their hidden area systems in a hidden area should Central States Security Office node. token it receives and pass it to the server will need to take the INSPECT through server. This indicates that the indicating that this node is a passservers will need to instait INSPECT managers responsible for pass-through to the pass-through server. System INSPECT is installed, merely point it Office for that hidden area. When to the EASYnet serves as the Security their pass-through server. That is, the consider their Security Office to be When installing INSPECT

"...All EASYnet nodes must centinue to ran SECURPAK Nothing

reviewing the reports generated by changes with regard to this utility. All Security Office, SECURPAK doesn't. scheduled by the system manager manager, INSPECT, on the other this tacl. In comparison, SECURPAK system managers should have to ensure that their system is secure. and communicates its findings to the INSPECT digs deeper into the system, hand, does not run duily, it runs as items as selected by the system looks a [sie] legin failures, and other the system manager, SECURPAR rups each daily and delivers reports to make it easier for the system manager These two cools, when combined, will their respective nodes, and should be SECURPAR installed and number to

"...Any time that you suspect that your system, or the EASYnet has been compremised, do the following:

"A. Use the VMS AUDIF command to dump the audit log: \$ANAL/AUDIT/SINCE=DATE/OUTP UT=filename SYS\$MANAGER:

"B. Mail this log electronically to ANCHOR::NETWORK, Include you laid name, address, and DIN.

*C. Call Network Operations and inform them of your situation.

"D. Call Central States Regional

Security.

*E. Keep communication with regard to the incident within a close circle of individuals. Do not apread information regarding the incident that may or may not be true. You might not have a problem.

might not have a problem.

*...System managers now have both SECURPAK and INSPECT to use in securing their systems, as well as VMS Security features such as AUDIT. When combined with the external testing of XSAFE, the EASYnet will become a much more difficult target for hackers to penetrate."

the class struggle

We have obtained internal documents from Ballcorp which go into some detail on CLASS services that are being offered around the country. Because these sentices are of growing concern to our readers and much of the population, we will sheet this information here.

Caller ID is attended to here as Calling Mumber Delivery (CND), its researce-producing service intended for desidential and business telephone customers.

interface.

customer is in an off-hook state. retrieval by the pustomer. These options are depending on the options offered by the CPE ringing cycle (between the first and second connected during well setup, it is then should gaver take place while the CND CNO data from the terminating SPCS to the CPR interesting and intracting galls, transmission of eansparent to the SPCS, i.e., the SPCS performs might also be arranged to store the GN for leter the DN is displayed and/or priced out. The GPE memory for transmission to the CPE. Then office), the caller's ON is retrieved from SPCS an intracline call [palls within the same central interval of silence lasting 3 or more seconds, for rings). A long silent interval is defined as an the same actions for each case. For both CPE during the first long silent interval of the harsmitted from the terminating SPCS to the terminating SPES to which the called party is which the calling party is connected, to the Stored Program Controlled System (SPSS) to caller's GN is transmitted from the originating [cells estayeen two different pentral places], the premises equipment. For an interoffice call transmitted to the called CPE [pustomer (directory numbers) of terminating calls are .When CND is activated on a line, the DNs

Finally, CND service allows the called SPE to receive a 4-digit or longer Personal Identification Number (PRN) instead of the ceiling DN. The PIN would be dialed by the ceiling DN. The PIN would be dialed by the ceiling party as part of the ceiling sequence. Example 2 PIN would indicate that the ceil is facerwing a PIN would indicate that the ceil is from someone that the ceilind party probably wants to talk to, even though the ceil might be from a line baving a DN that would not have been recognized if displayed to the ceilind party is an appointment.

"In each of these cases, the data transmission is provided via a simplex velocitied of description of the description of this interface are defined in TR-TSY-000000, SPCS:Costomer Premises Equipment Data

"...Although not offered initially, it might be desirable in the future to provide an interface to Directory Assistance or another database so that the calling party dame instead of the calling BN can be determined and transmitted to the called party's EPE for display.

"...Il possible, an attempt should be made to retrieve a partiel calling line DN leig. less than seven digits for intraNPA calls, less than tendigits for interNPA calls, if the complete QN is rot available due to a lack of Common Channel Signaling (CCS) connecting. If a partial QN is determined, it should be transmitted to the CPE. The NPA persion of a partial DN should always be included in the transmission to the CNPA persion of the transmission to the CNPA problems. The NPA persion of the call is intraNPA. If neither a partial DN nor a complete DN is available, an out-of-see agriCN-unevailable (QVI) indicator, signified by the letter 'Q', should be transwimed to the customer.

"The following describes responses to irregular user action during activation of CNO.

access to the service associated with the disted the correct code for the service, another voice announcement explaining the sociation desirable in this case to give the customer a code. To lessen this problem, customers would occur if the customer's line is allowed service may be inadvertently accessed. This or nonexistent, the customer should, as a descrivation code when attempting to enable or spryios has actually been accessed. and part, Buckness transactioned words a baselin attempting to access the CNO service should be encountered. If the dialed code exists but is not minimum, be given rearder tane. Hewever, it is deactivation gode dialed for CND is incomplete disable this service. If the activation or nonexistent or en oneous feature activation or "The dustomer may dial an incomplete,

"If a CND application or describation code is dialed by a subscription customer, then reorder tone should be given.

Similarly, when deling the activation or departicularly, when deling the activation or department may also request activation of the service while the service is already active, or request description when the service was previously disabled, in these cases, it is desirable to provide an anneuncement explaning to the customer that the service was already activated or description, as the situation requires. If this is not leasible, the customer should be given a configuration tone.

"...The allowable dota transmission rates for this service are given in TA-TBY-00000. It is desirable that a rate of 1000 to 1800 bits per second be provided for this service.

"...CND uses LCS (Enamon Channel Signaling) to tracemit the calling line DN from the originating SPCS to the tetraheating SPCS to the tetraheating SPCS to the tetraheating SPCS to the tetraheating SPCS (SSI), as specified Signaling System Number 7 (SSI), as specified in TR-NPL-000246. Bell Commonlegious Research Specification of Signaling System Vio. I This feeting should be capable of functioning on an infractice basis if the office is not served by a CCS network.

to find the calling party address in the IAM if the restricted'). A terminating office should expect should be set to '0 1' (i.e., 'presentation required field in the IAM. (150NUP) states that the calling BN is a Integrated Services Digital Natwork User Part decomposed for that control theirs the SST. TB-TSY-000317, Switching System intereachings carrier and is served entirely by intraCATA call setup path does not recover an Calling Party Number Parameter of the IAM active, the presentation indicator field in the line having the calling number privacy feature address is a private number or is a 6N from a served by SS?. In addition, if the calling path intratATA interplace calls placed over trunks for all EDC (Bell Operating Companies) and information field within the calling party address should include the calling the in the address parameter of the Initial Address Message IIAM "Brighesting offices equipped with \$50

...CNO is not available on operator-handed

". Special customer initiated testing does not have to be provided; the nustomer is normally while in determine if this service is operating correctly when an incoming wall is received. However, it is a desirable option to

> contain the pattern '0120456789'. The remaining letters 'P' and 'U', respectively." additional test messages should transmit the O through 51 m each of the digit positions. Two secords of the outtomer disconnect and should first test message should begin within 10 of transmitting any digit in each position. The transmissions designed to check the capability. DN, hang up, and receive a series of test data the outdoors should be able to dial the specie customer testing capability is to be provided, prevent some contemer blooble reports. If this more positive testing greehadism and each test data messages. This gives the customer a the customer can diel to receive a sequence of allocate a 6N within each SPCS equipped for CND (the DN to be specified by the telect) that rine messages should sotate each of the digital

All of this only scratches the surface. There will be many more details to reveal. You can obtain a free listing of Belleure documents by calling 800-526-CBRS and asking for decument SR-TSY-000264.

Caller IS decoders are now available to hackers in kit form International Micropewor Corporation (200-922-931) softs the IMC-CID-1X for SSE it decodes the Caller ID detast each and convers into the RS220C satisf format MS-DSS convers is evaluable for \$6.50 that desplays and software is evaluable for \$6.50 that desplays and software is evaluable for \$6.50 that desplays are satisfied for \$45.50 is much less expensive are smilled for commercial PC-compatible Cater ID despitable costing hundreds of dollars. This device allows you to actually study the actual binary datastics.

2600 Needs Writers!
Send submissions
(articles, clippings, etc.) to:
2600 Editorial Dept.
PO Box 99
Middle Island, NY
11953

The Letters Section

UNIX Password Hacker

is productly does, but it's comparatus as all bell on reset in the least sent and all boggs over that it won't work. This had at the source for the 10000 passenged beginn

of the program calling crypt at the race. possit. At the very tear this going to give the pathward tother materials the program you published, and tight of bottos are set up so that of segretting stars outing appe retries reconniting tracers. But anyouth is appoint A iso grades with and most UNIX beams tog system with the Let us explain, it calls usystim right! That is a

fundantivessin and over measure. course have been defined, well show that it involves unjob And creating strings (It over the binary, cover if the

else. He was just a dwood who helped a hackre. vergeneed are maring out the length seat of the to some outhaden. Someone at University of Georgia's just been cooking usered, goodnates don't slap you on the wrist Sugarded I'd become posed by when the anymers, were they find you've making a password Let me say why this is important. If you've been

a race way speed. Built use a public ayours for duff you passes and hasher feedily. Whe Highershower, but you can't deal tweet others to these about 1). Suit a various of your semeding the if), and brophogod to your PC. Security in that the employer 2) Digitard these, the Michigans for passworth. It first sources for something which would Here's what might be done indeed for dealing with

illianolly. It does the same things (Or you would just grab the wearon for OXFS, and no

on any systems and o-mail the taken who have "haritable" the UVIX preserved inches to containe all the procured to keeping my destine tooms of an earmenty re-entring restrant light the information about modifies to be useful in present, the expected other interaction of eight UNIX I have read three because of your magnifice and I are

Since Amendment right to publish stings that I do not one. Further, come if I did not agree with your message services, which I dangers with a lookers that you have a and there are some parts of it that I had promote that of judicion of the little, your spiceage to a wild and strong have no four that the rediscipulation make up the of communicating and that the founding fathers provided population one office thinkings. White the pays are not as further, that a legacities government of the people should our night to organizations in the First Albertainer, And have the post that comparing an amply another method Local trail your personation is necessary to help office

magazine and I look to read to receiving future nations.

Dear 2000

to run it agoing but it's a for sufer to do it this way. no one can setter at out of with it. You'll have in recomple jisa go ahard and deleke ji open it's manung? Disa keye Chacker priorpatically goes into the background, why not recipied peopless and it made me proby remous. Since systems administrator was really policing noward with re-y could ever need. But I hape you should mind if I make a ender thick, giving our processories to more executes this I regardien. On one system I was storing I hacker on, the ATAT INTO System Vigorees and it would perfectly run it without any modifications on BSD, Ultrin, and personal haden was function So for, The been some to Impressed with each boon. Your pride about the UNIX your magazine a few issues back and the room and more There's for a great magazinel 1 just started picking up

without permission. Figuring and their presented in an officerpt to see in some narry) considerly effect declarate on your or a complete and interests with a direct outset By for the best marked in to regular a program that more Thing of the party way is the little for eachy broken of you can for patronessed filter. This consease the isometrical totals dead in each no bill the appropriate production faither abound an adversarial Englishmentally, in every symmet administrator in Whiley

Another 2600 Meeting

higher boars 600 per, Errorn 500 per, morning: 800 per, containly the record Turatey of each mouth Turature Avetac in Ference, The Promis, KCA Oxpos 's Section We must be the Lineauthe Purk Hold, (100 N. Orbital TOCA we also subscribers to 2000. Our movings we mentions Several members of the Process Chipter of the Months Kills (independent computer consultants) our decision of their the first derivate (500) the engine (the Charles of the state of the state of

Access From Korea

Oxford service public. Con you help the? they would process \$50 numbers so Floor's cett Spring's photes USA Direct is \$50 HOMB for salling phone has also served the RORO & so, out I much it on a military some of the contains it served. The you know it Sprint gration about your Winter 1980 "World on the Street" You counted Spinis "Spin Express" service, and tirrelings from the Sepublic of North. [have a

Marponed in the ROW

000 799 017; and Switzerband; 157(677). New Besterd: 600-600; Portuget: 650-19-1-877, Sweden: 177-188-17827; Pody: 172-1897; Malaysin: 897-4916; Commany Oldin Oldin Indiana Laboration to the Control 8916; Er Salvador: 197; Finland; 9890-1-0784; appeared. They are the place of the State, the same of the Express has a project of additions since that arrive and even except a collect and from South Robbs. Spring the later expense tradeparts a made first they (Oid and Aline's Option USA, It just need to speak to reached to Spirit, you can by pating this distriction on their impredicts too. The store is true for MCO's Call the control to the people of the last the win there is not

Red Box Notes

Dear #600;

complaining that the sed box bette from plans problished to 2000 (based on the Radio Stack "up the great work yes 're doing! Thread with red boxes. It all specis too easy. Seep companies have in determining which calls were frough, as no what ability, if any, the phone Bell phones in Los Asgeles it works well and in only not from NYMEX based phones. From Pacific here discovered that it does indeed work perfectly distra) tide'i work. With further reperimensation, I Weshington BC it everys to work. I con carious In the Spring issue, you published my keep

Mar Work, NI

transcription and other real dear function Jegión that haven't term serviced in a willie (mostly done. To this day, though, payparess in the Mineral replace mechanisms in the population lengths MINTX has board has for the 1450 part, the reaction sector to be up resting that eath to a particular assessor were being and are possible account to whose the phone congress could supported streethings and started an integrigation. There coming been placed with a red but union a line operator We have if no way specific eats could be fulgered as

that of all being a new member, i'm applying the

conversing a state distortion a red foor - I goods the resolution and it has not brief, it great place of work in extended in the Author 1980 trace, page 30-35.

Initial five reads. mander with an problems. You can't are the unit for the tions times (calls are 20 cents where I live), that their tipe local cell, I per a richel into the psychone, then personal maket. When I want to call bottom to tout or make my California in the local call. I programmed "fill" for a One thing I found to work and have included all progr

The phone company will not say. Anything new as to when Children's will have Called

Some parts will have a define attern the you will Ventuca, CA

Set some form of a and productly solds some

UNIX BBS's

account IND Account systems City was the allow people using parametre computers to There are bour 300% that I know of in the New York

group. The 'thread you every of the rules of disperse. All ighted a tentile for transmission, you have to type in the induping feature of the Negrati section is that you such samped self-addressed meetage are requested by the addrawed (e.g. 2000@wellsf.ca.us). This board is fired ration address of the potential to whom the mostage is registered overs got 60 minutes per day. The only there are no marchly starges atthough a \$3 for and a and can would a re-example to enjoyee as long, as you have the CNOW has not maken his are given conductly to syrup nation for sending messages who wising movages from Forther four RES (200-579-2009) has a Necessia

and any willing to pay to eathly bett. den't pay anything. There are also two UNIX bearing market and get a true time to the system than those who aubaccibe as schemitens can use a special telephone but don't have the intercy.) It may be a good idea to people cancely this bound went to install more phone taxes Unintersacily, the adaptions assisted is always bugs (The \$25/950 per year for avecas on FINTX-based boards. which can be used if you know the UVIX command see The Second Endone (Clin Contrade Man, Contrade

you pay the mentity for you man our for brand applicate.) printing a transpose for sea 1000 per and 700 and 100 Party C19-852-15250 disclayed SQuarter Mixing Child the way, the past past in the

With all one populary of the scenes beards not worke UNIX, it only our the floresteam tean 685 but have found that the instructions for teday This is probably a very incomplete his of \$88% that

mil GON, Octombia University, etc. for information on POST NOON BY DOC recess to any of the university systems. I suggest that you 212718 was owin. I don't know it the general public has CNDs or providing access to UNIX systems in the There are productly many more deceds the under

Interfacing With Mainframe

by using my Alon ST and a Supra incident to a mainfrance in another city. This database network deals with imputing and expening reports concerning 2000 creaters could be lime have to get into each a cystem equipment his a processor. I monetor if you gaps or any We have a charless system or work which is limbed

that can the phone market, blace you would those, we 147日の日本の日本をおしたは日本の一大 (me 大学の な which he affects annex is those on pupility coopers or advant or a female line arrangement, if the the latter, you You need to decrease whether or and this is a disting Soud Araba

if there are no graphics or server, functions involved bill The field high agent of understand your market can same fishings on your deeps or you do as much class be 題《語·green well, job about 完 就 日於 看 and 一致 一百年 等 以外外 一百年 多東 田田 等 医性病学 经有一种 handle whose section is after to establish a companying arrange you can get, or aiready have, the justinested Nove possible you wan't have to do excelation it all, expectively destruction what wind of terminal you seem in comition (If a accomplished through join and an appropriate one yes have to get the receiped emphation down front can be you must get joyer comparer to talk to the switch note. It

Send A Message

Dear Marie

equesting that I switch to AT&T for my long distance I manifest and of Alf&T's "Tele Cram" letters

mailing tie. You may also give a mass nive year request. 1466), you can request to be calred from AT&T's If you call the number lived on the letter (800-12)

form of your concern with ATAT's public describes with respect to the Units Neldorf cost and their attempt to make an exception of an imposert person. Also request that they take down the resear, and judicin I consuming proper to call and regions to be delicated

Dark Overload

Coller 1D Questions

Friday. Has about every them, the phone will ring und a photol company will not sell Caller ID in our area code" and water the a four Age to colo cone only. The recorded (firmula) voice says. Phose order your security army ing phone called like ally they occur up a Murably or Charles By Table and I the one will be called I wanter if you could bely me with a problem, I get

boild a Caller ID box of that will work) would be Any suggestions, including where I can get place to

any point, that could be what's happroxing. mener on or if it sounds like a diversity conscious at marker of you ever hear a ring before the aughline playing a price of you and connecting you to this though. There is also the possibility that is nechody to to get an operator. Try to get the system to do different personal trans of a four tage code. She is riched any way against to beat the system than's calling you. You because the coal going for at long as persons. Your orien the on a certain day it will proprie the place, or will for a stop on your inex of the costs are predictable from is an excellent the champeone that Bureau and have river these California than triants So you have two options then Called All well not solve joint problem under the pall in Caller 10 how is completely nectors to you. Second. 門院是是 自然的 日本 日本 日本 日本 日本 ş

I'm not sum if you've control this or not, I'd repeat

the six medical are specified in the best and not in some run the whole gamen of springs available, Responsible of airs that every body. If the authorities pulses his we're being detect. They arit wind they this is an assemble to age street and perfect one of the plant of the uses many been specified the country things to I be ANNAUT you are still add they have in the state of the first to will be a second of you along times deficine pilks. The Caller ID blocking system you probably lesse. Caller 10 is the greatest delay to onue

WIET recognises But it looks another permy extension. visibled trace because I are use them for most voten and THE CHARLES AND A SELECTION OF THE PROPERTY AS INC. not the corplises and then the mouthpiers of 41, Pay're manages directly using these phones. It's as if the bases applications like total (my heat seconds ato). Any and producte buttons on that the terms on phone 42 come ATAT HEAL to phones, and I can't retrieve my is the haddooks kind that recognities renes. Samething wind, finegic at my offers we use a phone system with I also have a gate than My Moore three oring a within

Delicate, VIII

instrument or they're not long enough. This is a common were at to tell them. Regarding your made town that have Caller ID up and reserving, we comed give his a (B) is always and to accutochoology manaring decide and) lyches from an execution with the confidence on the second problem with the seven phone a street. But a little divisor Interest society or more least encough on one possible for problems you probably just have lovely revealing forces confidentials are table to realize this will also either they don't blacked someon under any circumstance. That seems agreed parties. The you work to get it after to call to As above the paid relatively for these of the powers

make one of the new United ID beaut. Manage that and I'll other all the back incorporate lifetime schooligien These price a diagram under retrieven and in the for

magazine you're currently bolding in your times. inflormation to your fitting on pages 22, 23, and 61 of the August dates of Regionshipstocome You may also find The ratio has governous. Meanwhile offered our side

C&P Info Needed

(DDZ) ASPORTA abustor the White House. the White House is (202) 455-1111. The fax negative is worker (dust includes the light Lady and the Postation) or that off, the pione cumber to have a association is

(Care) they then play If this works outside of the Chaopeaks and Jetaman what termber you are civiling from, dod 811. I don't know Second thing, to get a competitive value telling you

> the books were checked out at the Rharp, or all sold out tas a great arthures in this one Wasnington, DC) area at the backdoor, within days of receiving your magazine. DOOR DON PROBREM when you published your hookful in the Winter 1970, all Sonor search all 199,000 phase numbers via maken - to stead, on exclosing a pink days to done to an Shipping Art Finally, I mijes the hell out of your engages mailt

Articology NA

More Hackerphobia

the designated spirated our society. I thought I'd share with you a story, and a value to

asked me what I knew stready. I cold him I'd and software that I haven't gut been exposed to. He next foldition I would to loca more about operating systems. he asked the origin woulded to take this "select class". the teacher who taked one a few general questions that my knowledge of sameting useful." I talked to the myself. "Cook, I can that by see my school name or expend descriptions for my high school. When I read the alload to my distracter, which I make each quite well, and consider and he arranged for the to be interviewed by description for a computer technology course, I said to Will and Mind Visional Agencing regions. We look the Tolke programmed in BASIC and C and was familiar with I am enclosing a clipping from the source

dude: he'll probably jest by to crash our bereofts." The street at the late of the street of the emost in the class. A francisc prime with for loss sectional with "I get the improvious to was some sort of hector interesting that moved was however, it for days later. As you may have gurssed, I was not allowed to

My political adjuncted My activated What Durliery Section with game physical the life matter week long their? Why do they resociate Why do they four me? To they fear my knowledge?

materia and I'm general moch inn now. networks. I would have enjoyed building them, Bot I am pissod off now. Statly pional off, and you can bet your El vas in their class, I vould not lave arched their

Treat people this ordericals and they will not this THE STREET

Information Sources

the Wines 1990-91 izue, page 9. Congress Viruses, A High Tech Durose? Charly out fell me a metros for the book managed to

store may be with a deep. The book was retired by flugcommany under the say, Parling that, I delete company designs and published by Absent Call some boomings and fitherway with that information and fing about the To a Tour Books in your area. They seem to have Total Allerton Ca

take to guide joursoit.

600% Corpus Chibal, TX 78469-5803 Delective Altience if S.D.A.J. Detackings is 10 Box speech and free secons to information. For Hagie is on contract purpose published by Interpolational Security and independent journal of security investigation and which we found in your magazine. We stard for free publications related to countriespionage, harbing, etc., We would approvide being historian only the other

H. Raubin, PhD, Exec. Bur.

Catalogical Action of the Control of mentions the Argenta first of First (Second column teat) the top). That sub's alst blenc's the official wood as of On page 31 of the Winter Sauce, Dr. Williams

is currently to electronic mail access to this file The padicians of the life is negligible accessing supply living host figurial actions (1923-2023) in Groduly national "The file is now available for unergranus FTP form

OPEL DEPARTMENT (DELONE), Names, Bibliot, MailNet, etc.) The copies will perpally get be sent to incluid all asers promise that I have the time sent to them. If the season, and who care it are no the file by belonget FIP may make the ball will put to entitle the fact like representatives because the property of the pr there is a making life for Life of Live of Lives "hydrate notices". who maintain or rediscribate copies of this life for their When any updates are usade to the file, an ensourcement To keep people informal about changes to the file,

To get on or off the notification list and popular

INTERESTATIONAL SEQUENCY SYSTEMATIONS. "To submit new descriptions of mailing lists, so

update entiring information, or to orderedd making fall EVELOUISE OROCES SOCCESSES VISIONAL COMidentation from the this of thick soul a notage to

On "Breaking In"

into I computer. I find this to be an inaccurate In three my two actions Mind of the regulate feedback 1000 1000 1000 T writers compared breaking into a focus with "largeting". After reading your summer 1990 issue, I wondo also

Operation or a printing proc. and about the attended the point, let's continue with this encert of legic same protection under the text. If we can agree on that Computer are just as much a tool of language as a protects a citizen's freedom of speech. A modern and a THE PROPERTY OF THE PARTY AND ADMINISTRATION OF THE WILL SEE THE PARTY. snost radical legal december of all time, but dated. curdents as of laws called The Hill of Sights, perhaps the espresentation of feature featight. In America we have an these whiching topics? They are a language, words, a Here was not probed with high schools deed with the with a high placked can let have, the backed's computer plants will. When the computer at the attention and ensurered The reality of the situation is this. The backer made a

Summer 1991

trig? The hacker regiles this is so and so. The exception translation of the moderns. The recipiest asks who is so and so. Now set me wherever you ware. The backer Hearing this wood the conspeter says, exact, you must be mys flow the I know this is so and so. Prove it. Tell the the asswered and same works are exchanged through the computer. He decides he wants a resp. of a cyclein the hydror reads information that is stood on the he has said the right combination of words. At this point new has use of that company by false personals because has gotten from friends, found on another competer, the pursuance). The hacker reports a word by two heard that the point the larger mist either gross or have some to a jags word we agreed upon withous you milled before. At this just for him. The backer is done now, He has what he still there on the computer. The has an exact any; made and to, you can have it. The backer is not scenting it it is decorpted and the computer says obey, since you are so The twelve has railed a phone mucher. The phone is

copy of that was like back or has saled the computer. Our ones the phone, thirthing the caller was some onto the. The backer an exact copy of some test the backer requested down in the Bill of Rights? That is, done it follow America's feedemental laws laid has be broken a law? If so, is the law be has broken legal? hading his find and seid, yet I am to told so, give me a What has happened! The complifier has given the

words and leanings up the phone.

about 2 if the person who appears the photo is trading day long. They and someone up saying they are someone private detectives, and market recently comparise de all he wanted. This may not be very also, but it is bardly caller has addressed his goal and received the information energic to give extended attenues and the phone, that the What the backet has done is what collection agention men and women who want to make you behave it is consider to be unablication pet race but they're not system a should realize that they are hooking their someone in the world Hegel. People who hook up computers to the phone threat of violence and improvements. In breaking the rates singgle between the two parties. Behind all laws is the the law confronts you it has some down to a gower their laws you shouldn't be suprised if the power behind people who disquee with the law maker. If you disolve contain way. Laws are just a way of exheding present ever that all laws including The Bill of Rights we just words of broking the law. Both sides of the Saue should exceptible The world is filled with possible who set in a 4-67 you may information, you should take pretentions to protect to with a phone our got on II security is an issue with your you put the tick of confloring the baset that hides behind It my opinion the torcker bean't beaker, the law

Daing the pro-couldished pures streduced. Expect a Eght for the power. Computers are needing devices the are reflectly

We've been during that fight for more than seven San Francisco, CA

of the rechange. We hope more people which the instead that come from people with a very shallow wide standing Above all vise, we have to fight the hear-jork rescribes years now. The more people we drag into at the better through ar you did.

Very Concerned

THAT SHOEL

interesting and enlightening. I hape to be able to contribute an utital excussing, it have only your word that when the the pass through your beak notional? Do you Author Printed Class Could the feet to producing nour men to your readen that this is not the cast. Fin some information on your operation to provide some you are not, in fact, some FSGSQATET from to obtain personal and were to know drives to be triggered in case of a raid? Equiting (and destination? Is there dynamics strapped to your had mercion where packages can be tracked from source to Annu a beat second? To you mail 2600 from one restrail instance, are our ranges and addresses kept in a computer hacker's panes and Iddingson. You make should gritte I have begin but issued of your magnitive and find it

SECTION STATE Anyway, keep up the good work, it is approximated

Acces, TX

his shough has never been tracked by conjune setting of by some bicarra beint of little, the government were to the would be pointfur and contently line concurring it. every agree that ever shows up on a copy of 2000. But Europhing we do is open to public nations. Our making oppression would not be by hiding and allowing a to rentited interesting most, the way to fight such genually founch investigations into everyone who 2600. Of course, the past office rould be writing down personal risk of their environity is being either in rentiaur. Challenging carbonly is not obligation. marre not running a covert operation here.

Interesting Numbers

Dyur 2008:

is in a body location and sid back and watch people COCCT numbers? And do you have any of their for wonder why it doesn't work. One question: when are couple of minutes. It is fue to deal 660 at a purphose that \$49. Allen the number \$62 terms off the phone for a Vegas? How on, I find then? The ANAC number for the 702 Eas Vegan seen is

Law Sept. NY Name of Per

do all some of things, like tell you have much moved it has Telephones, in other words, those wein's payphones that Morr COCOT's don't term phose numbers posted and not of computer when they are called. The computer can noticely understands. They frequently assure with states calls to ASAC sumbers are generally displicated. For allow you so higher in on the area surrounding the phone with you to define rates, change the time, etc. Some even COCOL's are Customer Operated Coin Operated

> 温を名 printed out. By the way, wrother WildC for Lee Kriger is there are got. Which shar get their bill, the earther will be the title design may be to down the entire of the second o

> > phone persider (handled by AT&T) that goes to the hard in Octable and Quebes. All we need to do to drail any

The boxing is semesting that is done quite excity

une Springfield, MA (4032T) and Bullisto, 34Y (2162T). limited States. The two tests in which we can be off of

COCOT Theories

the calls I made: mention thereby of my even libera are the results of two of in Center City - tild less to Challe Layse 19, I decided av der edizes o you shout a Philadelphia COCOT (sensedere

09133*0000911;6*216596510#*85760*CA4107*9555* 06045126137000751403050751 Tyg-215946734*E1700*CA4107*3572*068*91061570 COMMON

0714917818101553740000517V Tsp-2135465134541659*CA41cf*9522*671*91061610 15019年2000年中華10月20年20日本188920日本10月10月20日本

my Turner 100 - I know the little and a world always he to that phone to again the Eugenetic information (it fifth field (069,071) being the number of cells made that bandy) and the fifth field wild 000 the date day. day is tocorera. On Friday the Lists, I guide several calls:

Egyptinis of 1%. I believe that the second field is the "in" the phone the last time the coin box was emption compared by the ODOOT warrior menor to the assurant include calling card obanges, or the value must be Since a coin box can't hold \$19.60, this must either value of charges (in cens) that the phoon has precised

compand Cempe's letter and the New York COCON the of the late the middle that you couldn't identify it reports their year prior issue's letters, and the theory checked this over the course of the weekend and your reply to Grouge W. indicates the day of the week. I

ARROW CHATS Philadelphile

using them this date persible that the talence, if then it that can go through an extine day without a single person possible the fifth field is country the number of oxigones single days' may indeed be contest. But we call believe it's what if it, was mallers living eaths. These are many populations, depending on their ion We believe your theories on the nected field and the

Valuable Lessons

surely litting the wrath of the other special agent down Communications (TAP #95) which is: "Box then not over thine home selephone wines, for these who does touch first commendatest of the abone Bittories of a less This letter is introded for those people who break the

might be able to get an aperior to self you rise number

agout thy heads."

When I person that George W. Inco Canada and

53250 名の記録団

NO CARRIER

I believe that the theory your sources give libral the

However, the second field did change - by

livery code in a walls I would also diser, because I was my call forwarding, but combased calling from home my described assert. But they never duck by, I got sid of with my blue box. I also there that Bell should be ringing was pecording, everything I dialed even as an epotation techniques to call anywhere, any time. It was a lot of fair.

Now I took that the Bell epopulate have (DMS-100)

Finally, to Course the the mysters in the sixth (See.)

get away with boxing at bosse, because AT&T, if they ATACT by booking to the local number in Springfield, MA Movember 1989. I began using the blee bearing received by supplier when disting uses their, would have the number I gave to the operation I began doing this in number coogst my own. This mark the faith that I could sember semilenten, misse, rich siss interseiten, stell the States, an openition would come on the line to a the when I forwarded by reactor to be 500 decitor in Who have the first contracted the first computer bearing from a took's shoot to be safe, and will so as not to charge from with an LD and I did all stores about \$10,000, it was much chaper to box to a a pay phone. In 1986 I began bearing to Comparative's Canada didn'i know who i was, so I would give their into load CES minber at 30 decre at hour. I was even pick to CB. Silves we only have Typoed and Detailed which buds then there you do whatever you want to a can wise your I began blue boxing in 1986 and always bound from Le 1989 I was gatherained to call forwarding. I noticed

called me up and said that Soil Canada Society just making just two many calling info every more abon the hill is made. mouth 30y theory is that the composed review the dialing take to pay the it. They only had my calls for the previous easter, they task all my space change, but at least I was larghed. They only wanted \$350! Bey, what worker Or the amount they wanted from me and then almost the door with my parents yelling at me I Jacked down at as my door, I was thesized out and punishing as I went to hann. Then about as how later Belt Security showed up visited him. They handed him a nice limbs his of \$5000. the was stating 975 constructions using might for a couple of West, a shelly impressed, Recordly, a friend of rains

going to let than know how long these doing this forthem so long to come and get and but of course it went's day, the security guy told one I wanted to said who it took SSO. And there were quite a few others being ranged that cipiting, but then again maybe see I have another there why it took over a year and a half for them to come Oneboo excluding Montruel. I guna dust's une reaste Choads working them. Ther's the whole province of codes, there are only three security people from Self who just started planning this atomit and was cought for I found out that for the whole 428 and 839 pres

Now if you're existing processions why I didn't just

parted to large stay too could about, you can blure that in any parents. Signocome who goy that I didn't have a cite as to when they were talking.

booking from your labele line, you should slop while MATERIAL CONTROLLY accord, but always be prepared to pay the picke when egough. If you want to take that risk as I did, then go you're about. Haping that Bell won't come by just ion't Anyway, the point of this little story is that If you are

phone, which just built as easy as it is at home. and that I on an imporphrois to beliefe branks. The I've getta start trying to blue box a 2600 ever the pay The only real burning in this is that I box 300 backs

Qurhec

arcurr to hallatin baserás was mode affordable to Hacking Water Our monaitre of these would be as much having of

collision of the promise for comple reading, the Western blocked gray placed cover) who can be the (H) (MARK) IS THE HOLD WILLIAM OF THE CONTROL OF COSTS the indeed all there is now order that the dependence

We recedly had placed by the least water company.

produce product a second Displace and like commute in a 16 pin. Applies properties, when Court constructory and upont of the Eleganderic Court when As a result of some investigating only street of the

Complete Sell and For educational purposes, and anyone describe how

Billion, WA

MARIDERS

4794. Hit 0 to run on the microphone and been what is 800-707-3607, Also, Chee's a COCOT or (804) 200so they can emply not your walke the 90% way. It's as Another market is for those gost-angled TV exangelies. Saltra. Mailtean númbhr a de dear dights and sach with 🕅 200-201-2020 We owned by Pillybury, Weithork and I found to interesting voice Managing System at

American American

Thighia.

Another MCI Ripoff

a cell from Antisch, Elisais to Libertyville. Illinois for reality of the matter is interesting however. For example, Per the regional and long distance and 800 calls. The The articular of 9:23 per in billed SLAS by MCT and \$19 introduced by 3801 allows you to have 3801 bit you for MCI charge by about 14 cents. The MCI was all during by thing's their the comme stroom week patient for baselt is that your volume discours mould be combined "regional" catis, i.e. calls within your area code. The MCI is here to save you money. A new service

business is a net LOSS of over 650 persons.

the program is both in the manager of their roles. Semewhere, MCTs coacept of saving money with

記述的対象。中

The Value of 2600

madesmand it year ago but see diversable now. issues I have saved are always the or orings I didn't One of the great values of your mag is that the back

negatived internet necessary makes in now altogether irrelevant to me in the winter of 1986, but a newly Case in point your article on UNIX was accept-

become construct. White operating symmes may change, earting links it all together. The short frequency of the transport to the first for sport of We're always per out the magazine on a decail.

Disturbing Observations

Dear 2690:

alicis or differentiating extends from circus CO exchanges are exactly, but one always, identifiable by basely, extra and similar private activation. When calling to them, they I sound a most distressing Jeasure of many PRX's

number at our complex, message. getting the "marker you have reached is not a working peoblem in the first place). This is also accepted when charged for a completed call before the person actually dauged for tagy eggals (which is how I theoretic this named. This becomes even more activiting when getting The problem is the later to receive more than the

port plants. energh of a problem to warrant concern, and perhaps. This does not always occur, but it seems common

gives for what the occupacy was, machine to call a person at an 800 aparba. No 10 was \$000 straight users. I got a message on my alsowering My other discovery involves the ANI position to

were improper, burded is enough sony alregation). agency bying to hother the about street part bills (which "Mison I called each, I found est it was a motion

had called out on, stated pooling repeated relies phone CHIEF Secret one of their three down my diving premier the fix line), and decided they could use it in The grat day my fax number, which was the fire I

Flyshing, NY

his as simply as liest you, littiery consistes, you can report them for harmsoned Naturally can call you if you red along to stop stalling

Box 99. Middle Island, NY 11953; On the The address to send letters is 2600, PO networks, mail to 2600@well-sl.ca.us

> Mastercard Visa list soils for \$895. We'll part with the Mastercard half for \$5 and if we received several small lists and one huge one for Mastercard. We're told that the Last twee one of our readers appealed for bank identification numbers (RINs). We've get the Vita kajf, we'll ejfer it all for \$10. Meanwhile here's a small stompling.

SUST CRONTO DOMES ON ON CAN STO FOYAL BANK OF CANADA #388 FIRST SIGNATURE BX & TRUS ASST SANTEL OFFICE UNION 4392 BANK ONE INDIGINATOUS 4217 FIRST AMERICAN EANK STREET CHERRY 4312 SABNETT BAYK 4318 SEADER FEDERAL AZNA SECURITY FIRST SOS BELGIUM A SELV. ISOS CANADIAN INSTRUME RANK MBS REPUBLIC SAWNES MSS PORTLAND TEACHERS OU. 4450 EMPIRE APPLIATES FEO CU AND SECREPTION OF SECURITY OF HAS SECURITY BANK AND TRUST 121 NOTAXA NATIONAL DAYA 4日の子が外に大力を対大力を行る。 AND BUILDING AND BUILDINGS AND #336 TEXAS WITHFINDENT BACK PSELECCION DE LO CONTROL CUE CON CONTROL CONTR たいもの かり 名中 プレックでん ロンスス SCHOOL BUILDING BUILDING 4327 FIFST ATLANTA ABOVE BEST THREE BANK ON AHA esco standard fro SOFT WITH THE PROPERTY OF STATE OF STAT \$310 SECU ANYI MANDONOM 1969 SOLOTIONS. AND MATIONAL DAYS OF NOTIFICAL 4289 CORROTATES AZZECTAGE MANHATTAN BANK \$124 CHEASE OF SOCIE DAGIN 4122 UNION TRUST 4の17の2日の「名類の記号の数ののか 1011年内IEEEEEEEEEEEEEE SOLD VALUE A NATIONAL BANK 1994 COOP SERVICES CREDIT UN ANNA PROBRAT CREET CREEK 4071 DOCONIAL NATIONAL BANK ACTO SECURITY PACKY 1060 ASSOCIATES NATIONAL BANK 4592 HOUSEHOLD BANK 1027 NOOMMELL REGERAL OF LINCON TOTAL BANK OF AMORON ACTORNAY OF AMERICA \$10 BANK OF BALTIMORE the grant of the wall will a carto, the new Numbers But appear on exact racks Burrocks A STANSTOWN HEZT PA STOLE EMP COLONI UNION ARITALASKA USA FEDERAL ORE UN STOCKEY CHASE Terroris a fish od godne BIN's (Glant Marchiteation 1980 CHASE MANHALLAN DANK THE CHICAN SIZE FUNDINGTON NATIONAL BANK STIS HOUSEHOLD BANK SALTANS SHAHOUSEHOLD BANK OF CAUP SATA PROPERS (SANK) VOIS DOWNERS A 2402 MESTRAC BARACING CORP. \$359 CORE STATES 医療なら 田田 STANDARD ACTION OF THE PROPERTY OF THE PROPERT 5017 自然とからアプラゼ その第六 5417 ASSOCIATES NATIONAL BANK STIS UNDER BASK SALESTATE STREET BANK ATRUST SALS LANCERY REDEBAL CREDIT ON \$280.A150 UNIVERSAL 5390 MTM SIST COMMONWELATH BY AUSTRALIA 6361 PERWITENT NATIONAL BANK SSS BANCOHONALONA WAX STOP MOVE SARS MARYLAND BOOK OF MA. 9300 PROCESOR 5300 BAY BANK China Jania 9829 5758 NATIONAL BANK OF CANADA のでは、ひまって、ひもので、他の S289 SOUTHEAST BANK SENS DADISON BOANTENDARY OF 5224 NATIWESTMINSTER BY CONDON STEM MIDIANO BANK SENSO CANADA TROGI SECONOMINATION OF SECURITION OF THE SECONOMINA SATE WORLD STAR 1217 NECKLANDTUREDS ENGOVED 5217 CITIZBNS FIRST NATION NU STREET ROSTONE 1921 とというでき 切を分割 4921 HONG KONG BANK \$330 U.S. BANS 4815 MACOM RECEFAL ORED UNION TOTAL ATTENT 4726 WELLS TATISO 4721 FST SECURITY ATTORDOMY MOUNTAIN 6707 TOMPKINS COUNTY SHUST ASSET SEGMENT ASSI BAROLATS 4989 BANK OF NOVA SCOTTA ASSTRANCE OF NOVA SCOTIA 1842 SECURITY SAIDES WASH 500 IBM MID AMEROA IEU CRUN 4500 MENS NORTH AMERICA SCHOOL STORED SWADSON OURSESSIAND 4565 CHRANK 4800 C 1460

Single

Sammer 1991

2600 Magazine

SECRET FREQUENCIES

by Bernie S.

our customers. services, adding mobility to the provision of new and, "It may also facilitate alternative to copper wire" may provide a cost-effective technology in the local loop nology, was quoted, "Radio NYNEX Science & Tech-Donovan, staff director of Technologies". In it, Paul to Test New Wireless "NYNEX Receives Licenses lished an article entitled employees, NYNEX pubinternal newsletter for issue of "The Leader", an In the February 8, 1991

In a subsequent interview, Donovan conceded that while the FCC (Federal Communications Commission) granted the frequencies for testing specific applications, NYNEX wanted to grab "as many frequencies as possible" to "get (NYNEX engineers") creative juices flowing" so that they "would have plenty of frequencies to work with if we come up with

something....

of deception (or outright equipment may want to "there's a big market for fraud), Donovan justified in mid-1991 and on July 1 GHz are scheduled to begin experiments on 1.858-1.990 tally-encoded loop access following frequencies. Some up to one watt on the is granted at power levels fixed station authorization their activities. Mobile and company and report on receiving (or transmitting!) VHF, UHF, and microwave radio scanners or other Plains, and elsewhere with Boston, New York, White for testing, 2600 readers in frequencies and locations uncovered specific radio wireless technologies." NYNEX's actions, saying (TDMA and CDMA) digi-Time-Division and Code-Donovan and the FCC Later communication with Division Multiple Access "tune in" on the telephone Despite the appearance

Not Just For The Military Anymore", TE&M Magazine, Nov. 15, 1990 for an explanation of these technologies.) The call signs to be used are KF2XBW, KF2XBX, and KF2XEG. Paul Donovan can be reached at the NYNEX Science & Technology Center (914) 644-6165. The FCC can be reached at (717) 334-7059.

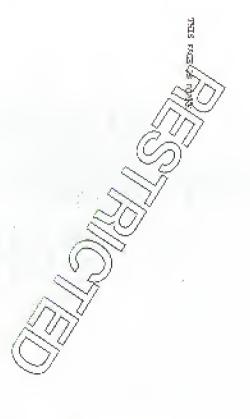
837-9200 and Popular information on monitoring 20402. Ask for publication Street NW, Washington DC Government color wall chart covering allotted (or sold) the just who the FCC has 2922 are excellent sources Monitoring Times (704 number 003-000-00652-2 Office, 710 N. Capital for \$2.75 from the U.S. 3KHz-300Ghz is available electromagnetic spectrum techniques and equipment, For other frequencies and to lately, a nice 32" x 51" Communications (516) 681-For those interested in Printing

> NYNEX Science & Technology Experimental Radio Frequencies

call 152.510-152.810
are 152.486
and 152.834
and 152.840
van 157.770-158.070
the 157.746
& 158.094
)14) 158.100

UHF (Mhz)
454.375-454.975
459.375-459.975
825,000-845,000 (illegall)
849,000-861,000
862,000-868,000
864,000-868,000
870,000-800,000 (illegall)
901,000-928,000
931,000-941,000

Microwave (GHz)
1.850-1.990 (loop access)
2.110-2.130
2.160-2.180
2.400-2.4835
3.700-4.200
5.725-5.850
5.925-6.425
10.700-11.700
13.200-13.250
17.700-19.700
21.800-23.600



One of the more interesting pages taken from a proprietary phone company document. We intend to shamelessly spread this one around until its value plummets like a rock.

411 - news about phone companies

Regulating Scams

Paylorian dogs with wallest." West. compass. This out of control industry will sentation postice. "We are nothing more than sources of the Private Cities phone consumer group, waxed telephone terrorism." Robert Bulmusk, president of computational phone calls that try and self-things to the phone as if we were nothing more than us... by using our conditioned responses to seasons revenue to an industry than has lost its anoral Carolina's Director of Consumer Affairs, said bid for a sound bite, Steven Hamm, South in order to receive commercial selicitations." In a Hollings (IPSC) to be computational sales pictors "Compater rails are now the modern form of know of anyone who places a place in their binue yearmy for the individual in their home. I don't the speech concerns, saying, "The right is one of to residential relephones. Hollings discounted the Legislation has been proposed by Senator Ernest of complaints from withouses and senators. people. The Senate Commerce, Science, and Transportation subcontentites heard a whole swarm A Senate subcommistee has loss parience with

Meanwhile, New York's Pelisia Service Commission is finally saking extensionate physics payabones that don't control enforces to be all telephone company operators. A FSC survey showed two charts of the independent payabones in the state don't gave "O" calls to a local agreement has taken as a company operator who often hasn't who class us to how to benefic an energoney sail.

And, speaking of scame, according to the New York Daily News, the Post Authority of New York/New Jersey is actually making a commission on frantaleou process calls. Since they make 18.5 percent on each call from payphones board in the Post Authority Bus Terminal, it's estimated they're efforting more than \$2 million in profits from these colls. That's more than they get it next from relatives in the structure.

The PCC is finally introducing a peoposal that georidans of 900 service introduces each cell with an exploration of 900 service involved. If the customer hangs up at that polar, he will not be charged. A first decision is expected by the tool of the year. Owners of 900 numbers have come out against the plan, suying that people is outlifting up without good research Godgure that one out when you find time. Meanwhile, we'd like to propose a compromise. Never more swatching systems are

becoming integrated and filled with intelligence, it should be possible to begin relaying prising information while the actual cult is being possed. In office words, your central cities would see a cult to a particular 90% number being placed, would consolt a pricing table, and, while the cult is being routed through the long distance lines, would play a recerving to the culter. Of counter, it's only a statust of time before some clown proposes sikking an absentionment there for all other cults. Perhaps we shouldn't say any more.

AT&T Wants The World

AT&T wants to get permission from the U.S. government to start providing phone service to Vigitime, one of three countries that cannot be called from the United States (the others are Cambodia and North Kerea). AT&T stype that unlightened upcanists are previding service through Canada. Japan, France, Scoth, Kerna, Bang, Keng, and Australia and they to making lets of mency in the process. We can imagine AT&T's frantation being formed to should not the sidelines.

Advances in the U.K.

FOX. those people who we directory assistance heavily. charges. BT has introduced a couple of services for from pay phones and from Hind or disabled people more. Phone companies in the States will no doubt an electronic version of the phose books on CD company's computerized system and Phone Disc is: wall be reduced slaghtly to make up for the new take more toy the way, calls so directory escentions rather inventive way of making less seem like the service will past 37.5 perces per Adjudit. It is a despite B1's clever way of phrasing is, it's lakely Must georgie, however, use the service to get a requests. Not so, Whenever you use directory think that you would get charged that take for two charged 37.5 person plan 25 persons has for up to assistance. Enstancers who use the service will be Phone Base gives them direct soness to the will still be tree. And rates for various other calls particular number they need at the memoral. So eksistensen, yen dan asid dar op 10 swo numbers. two pumbers, from what mading that, you would "fairer" system of paying for salls to discovery British Telecom has instituted what it walls a

One apparently positive move that BT has made recently is to claminate the surcharge outline calling cards, known as BT Charges and Cardholders can just dial 144 and follow voice

prompts to enter their account number. PSN code, and phone number they wont to reach. They will be charged the state rates as a regular payphone call, which we hope is fairly close to residential patch. If not, than this is just more deception.

Last year, British Telecom's cuest cetwork become "the first telephone system in any major industrialized exempt to become fully digital."

Now they've bit the ballway point in assistance their local exchanges from electromechanical to digital. Tet only 15 persons of HT's customens have the capability of getting itemized bills.

And just as in the United States, people in England are having problems with "greenium" sarvices that bill hage amounts of mency to unsuspecting customers. The special sea codes for these envices are (698, 68364, 6839, 6881, 0696, and 0077, (0800 calls are not fixed). In the area that have been digitized, it is now possible to block access to state numbers. Still more proof of evolution, By the way, the cost of pressing the right computer keys to sectomphial the Hashing will be underwritten by raising the rates of the blocked standard.

New Services

Spring has a new service called 900 to 800 Transfer the allows called diding a 900 neather to be learn ferred to a tall-free RiO number. Why would anyone want to do this? The thought is the caller will dial a 900 number to get information whose a particular item and then be transferred to an 800 number specially in. The salar only gas charged for the time spent in the 900 member, at least in theory. The only way to really find out is to keep a pea, pad, and clock by the phone at all times.

Another new service Sprint is offering is for the tenefit of boths. It's called Another Debad and the regional Bells have been what A Uki and the regional Bells have been dering for years bill the call from the normals. the called party picks up. Many backle currently use the equivalent of a pen register tied into a rempoter. If you slay on for a certain amount of time, it's assumed that the call was anothered and you get hilled. Assumed that the need to bell quickly. The new Sprint service will work in conjunction with the later when a situated whether existing phone gratem.

New York will be the first city in the United States to test out propoid charge earths on its payphones. Fast as in Europe and Asia, charge casts (called NYNEX Change Casts) will be available for sale at measurants and other steps. Each phone will have a little sector that displays the amount remaining on the card end as each call.

progresses, that amount will go down. The test is re-bodieled to begin in Suptamber with 60 to 80 persons. We boye they avoid the relatation made in counties the frames, where it is impossible to use any papphene without a cord, if costs, for whenever reason, are mountables, there are no alternatives. We would have to see such an approxime ayatim forced down our throats.

Another rechnological advance is being unlessed in by Illiquia Reli. Chalumers are now allow to pay their bills over the same phone line dray in paying lost By calling an 800 number and emerical their secret III, they can transfer money directly from their sheeking accounts to the phone empany. Would you trust the phone empany sate over take maners into their own backs since they seem take maners into their own backs since they deviately have all the information they need to get all your meters?

dagia, them a four digit RON. begans wint elcher 288 or 252, followed by len digit PSN. Then there is a 17 digit version that fishered by ten digits, a check digit, and a four beglies with either 691288 or 891252. This is AT&T calling cards. One has 21 digits and always ar the end. There are two other formats for the digit. Then there is a two digit authorization code PIN. One number follows this which is a check ice, can be any number. Each each also has an is either a one or a zero. The new six digos can be aurds seem to begin with 806 or 838. The next digit year calling card, you can call \$00-255-3439. All local telephone pompany. For a "demonstration" of resemblance to eclophone numbers. But, sontrary to we now have 14 digit numbers that bear to telephone company," the mailing reads. As a reads is no longer sharing card numbers with your local to easiphy with government requirements. ATMS fedowed by the card number without the four digit inernational number which begins with 691253 any number. The last four comprise the PRN. They. New York Telephone, which at last report was a what every say, these new numbers are occupied by The new AT&T calling cords are out. "In order

Surfacement Bell will be testing ont a territor catled Message Express from its payphones. Contracts will be able to leave a message when they entreamed a body signal. If word loo understik, disught theless will have to deal at 800 comber that will be protected on the phases and leave a one minute message. Formant will be by studie and only. COCOUS have been offering simulate cardiness for quite some time. We presume Southeestern Bell will have an advantage since they can instantly detact when a phone is no larger busy, whele COCOU companies have to keep trying to get through periodically.

Corporate Litigation

popers or getting manage more castly. blatent lies spread for the purposes of solling a plante phrough it. But we cannot solerate having who are so completely out of it to enshable of what out how to make free calls. We don't expect people people who other make their living from Figuring New ratery goes so for so to define phone phonesis as blamed each activity on phone phreaks. In fact, investigator Donald Delaney have repeatedly New York Newsday and New York State Police their ignorance. Whale we're on the subject of point. But here it seems like they're just thying to teliused to bely them or if their equipment was ignerance, or should we say maliciousness, both impossible to safeguard, we could see Mitarbishi's We're Completely Unaward," If A.T&T had valuerable to attack. We believe they should be were completely unaware that their system was then \$40,000. Missioiski is claiming that AT&T pass the look and get out of paying a hage hill for boerded with that as purrof a stegate. "Misurkishic Assembling to one of Mitsubishi's lawyers, they never root then samething like this could happen. Petroleus and Figypt were made at a root of more More than \$0,000 triumboxical calls to places like security problems on an Alfall System 85 PBX. while Mibabish is trying to see Alfell because of In one of the riffical cases we've heard of in a

the paradty is theirs. willizing adequate sourcity. If they fail to de this, as has the obligation to see to it that its users are company that is in the phone or computer business Masuhishi apprenently did in the case above, then genalize someone a large amount of maney apply to these kinds of vituations. You carnot consumer-based retraine. Different releathance to charges incurred, primarily because this is a Superman. Dail Plus customers bays to sign an hazausa they obese a stepid passeond. However, a phone company as being responsible for the system prior to that and in addition, BT had passwords. But Mr. Show had signal up for the agraement saying they will not use easily gressable. local call. His password, incidentally, was hacken as "geogle who shall compute junewords approved the password themselves. We see the actions to international computer services via a because somelastly guessed his password on British to break jeto international databases and use Telecom's Dial Plus service which allows pullers Sport received a phone bill for 8,000 pounds services illegably." According to foom, George The Tieur of Lundon is no better. They define

In mother pair of lewspits that shows how our

companies and AT&T have, they may map righting people off so much Right now, it is easy to be the afternace Song distance companies are given the but perhaps when todependent pay phones and same access to technology that the regional Bell ening or beeps, it may be a well guess on our part won't allow calls to be placed exchout die justice it, the phone company knows it's a populatine and central office. No master where semested tags into within the COCOT, sugare getting access to the payelione and they can make all the calls they clip into the confection before it reaches the a fair deal. In an interview on WBAI's Of The into any restrictions. By contrast, New York tine before it reaches the COCOT wouldn't ron exest. Since the payphone technology is completely for independent psy phones. The installation her't Roman soid that then the an eigenially hig problem Heat, North American Industries president Barry company. North Amorican Industries of Great then one million delies of franklight charges. The is saing a COCOT company for not paying more of control the sale; base industry has gotten, All 201 telephone psychonos are controlled from the very session in most cases, thill a person loss to do its York Telephone for not given; COCOT companies Neck, New York has turned around and used New

only way they can stay in business.

A great example of this is currently making the rounds. It seems that AT&T has a store digated find a call of the call to go through the will allow any zero para call to go through from home phones. (We're told all it does to block to the originating rember). This does not work from a list of COCOTs. Which means that again the COCOT owners are getting stock, this time directly by AT&T.

COCOT and PBX Features

We thought you might be interested in some of the features being advertised in COCOT literature. Selling points include being able to assert rickets, dimes, and quarters (word), woken synthesized instructions: optional coin first access to the operator, emergency services, and 860 numbers (we can't understand why any purphone operator would work in about the allowed to make resemble survives optional - that "free ups should be illegal); being able to detect busy signals, answer supervision, ringling, and interwept recordings; storing preset speed did numbers; and, at aware, remote programming copabilities.

The CTCA (Communicatives Flyad Control Association) is passing around some sufety tips for comporate PBX's: Assign author/parties codes.

randomly on a need to have basis and limit the number of calls using these codes. Never reach codes with company telephone, station, or budge wealcasses, then correct themassessing: Try backing your own system to find letting your phone ring four or five times before digits your FBX can handle; Use a non-published followed by an authorization code with the most PBX option; Use a system-wide hunter code, trusks should be limited to domestic calling and an employee feaves the company; Remote access should be frequently claused and cancelled when individually, not printed in billing mounts; Codes authorization ender, which should be assigned sembers: Instruct employees to safeguard their electronic call response, which is the same as that down when not in use; the the cime of day number for remose access lines; Lise a delayed

Story of the Year

competitors did. We a musty business. numbers of dead per owners before them machines late at right in order to get the exercis and comote access to their competitor's adswering this, the cometery powers we accused of guings over the past couple of months.) But to addition to been vigils, demonstrations, and neutrinis there door to 2600's point office boxes and there have mant grave and given random mixed astes to the solid to have dumped up to 250,000 execusives in a giving the ashes to the borewood owners, they were or Fido in the ground by his/her combetons or they said they were doing, Instead of putting Spot Island Pet Creactory in Middle Island, New York well. (The Long Island Per Complety is right next politiments. Needless to say, this has not gone over were induced for allegedly not hursing pets like Better in the summer, the extress of the Living

Another Great 900 Number

significantly less. When you call in, you can press country, and you needed to self her something unlid everyone you would be staying, only to find would have to be a Class A Fool to use this retrice and 95 cears for each additional minute. You messages." The cally cost \$1.95 for the first missure individual's shiling to send and receive secure above problems as well as greatly expand an new service called 900 JOT DOWN will ask all the old friend only to discover that they tool moved? A personal first? Or, did you ever want to contact an urig at the same time you were required to leave the elsewhere? Has your daughter been on a camping that a mistake had been made requiring you to play. "Have you ever arrived at the botel at which you as every aspect of all earlier easily accomplished for Our favorite press release of the work begins:

the same service! How many old friends do you manbers". This means for \$1.95 year out find out personal phone or repository" which we recease machine, except you get to spend so much store spend \$1.55 to leave a beief ausstage, not just subsecuber. They make it clear that especie can receion that the old thread bay to be subscribing to that was given always, the company neglects to thing to much down an old friend who had moved "necessing expedient subscriber's repository of pixers accomplish for less!) Pressing 2 allows you to for their system, (That's the only beature we can't I to receive an identification number and password managed to get access to secure phone times used outboand calls". Unless they're somehow manhers or to somewhite them to the public. These does not use \$2.00 plus to get samebally a phone equivey information for free. Believe it or not, it marvels of the communications uge is the ability to subscribers can find out what they are. One of the to mean update your phone numbers so other more. By pressing 5, you can "update your messages or retrieve them, you would be spending eight times within a month, either to lowe features. If you were to call this 900 service only these have additional services, such as paging acress for charges of around \$15 a month. Many of vegice mail services allow you almost unlatilted thing at no cost other than the phone call. Various massering mechine will allow you to do the sens allows you to minious your messages. Any document identification code, and entering your posswire Plus you have to enter the subscriber's subscribers. Just like calling an answering By pressing 3, you can leave a soler memage for a subsectibing to the some brand new antice as you?) suppose you've lost topob with who are sensitedy's phone number(s), (in the example of computer version, resoluble at 900 OUT FORT. read our recent Winder and Spring issues that detail because they're being made through a third pury believe their calls are somehow more secure minute (\$1.95 for the first). And, should anyone for to find plants lates that cost less than \$5 costs a by the military, most consensus a toric have to book which gives you "a secure, private phase like for are too many preferable methods to mention here. have a rough roog phone. Theseing 4, entering your Identification such after pressing 5. We hope you worthwhite, you'd probably be interested in the The Real selection can be secresed by pressing 6, why this is not so isomerning the 900 STOREES. "service"). If you believe this hind of thing is

Japanese Numbers

Socie "home country direct" numbers fixed

Lighan United States (2039-111; Hawkij only): 2039-281; Canadar (2039-184; United Kingdom: 2039-481; Falgy (2039-391; Statestands: 2039-391; Statestands: 2039-311; South Korea (2039-381; Hawkin (2039-281; Taiwana (2039-288); Thailand: 2039-681; Thailand: 2039-681; Thailand: 2039-681; and New Zealad: 2039-681. In make regular international calls from Japan, dail (2019-1948) country code, only code, and subscriber number.

Customs of the U.S.A.

According to the Sate Anthods (Light, it you live in San Anthods with a support someone with owns "gangstee type re-apons such as machine girts and saven-off shalgars", you can call 686 GUNS. The Our Owners, a Springfield, Virginia Stased publication took exception to the phonosenature. "Does the BAJF (Bureau of Alcohol. Tokacoo, and Finearias) have a fascination with that number? A rew years ago, the BAJF had also make a sample badge five an enablem—the nembra on the badge was 686. Now they are using that state number again, presumably as a way to trainfolding people."

opposition to this idea. As one businessman pullifthe Chicago San Faner, these has been no excepted between 2000 per and 4000 km. The hours Chicago's passer religible theoder on coins will be mency area a phone at might mask be a drug dealer. deaf. Illimos Bell figures that anythody putting strugs, "Anything, "I think it is a great ideal draything to our down on were enginally 6000 pm to 6,000 am. According to environment, the latest brainstorm will stop them sorries in a relay dail populations, beganise drags. If, by week mire is, drug dealers making to for anyone under 18. Lets begans means less Certain officials have suggested outlieving largers payphones and replaced them with old fashioned Therefore, they are beginning a new policy in dealers" bespecs. This will result in less daugh. able to use touch comes to activate other deag many phones. That way, drug dealers won't be drugs. Other cities have eliminated torch tone purphones to receive calls. That way, drug dealers Drags. Some cities have made it impossible for many stuped ideas in this so called War Against word be able to receive calls and there will be less To shed light on another issue, are be hourd

The Outages

We never get as grany place ends as ice daldisk summer concerning the reasest places reasons that affected various areas of the country, Everybody wanted to know if hackers were responsible. And, everalf they weren't usuals they

> sign of progress because they were caused by Carrier Baseau, the recent factores are actually a operation as another big computer system. problems to contend with Without exception. For ever installed a new operating system on a personal Federal Communications Oramicsion's Commun Accombing to Richard Firestone, chief of the these in charge are cordent to look at the whole telephones are life lines for nearly everyone. Yet implemented is praying short of criminal. After all new switching system (Signalling System 7) was getting around the problems that occurred when a maker phone overgreens not to have an easy way of computer can tell you, there are always transitional stapidity and slamb-eighterhanes on the past of the on years to come. Most of it will be doe to die usual occupes and fourtipe will be commonphase in one any promises but it is peoply certain that such he in the friend? We told them we couldn't make who important these systems the argone who has

Foresters said the prospect of an independent backup system was set of the greation because of its engener involved. This PCC systemate deal regignered that these who mended abbodiute retability should go out and buy their own bekerp species. About the only positive thing this guy did was stup short of imposing trees on people who complain.

approduct Doublespeak City.

For the record, the problems were related. Deter was a flaw in orderate obtained from DSC Communications of Plano, Hours, R was never traced adequately by unyone, California, Virginia, West Virginia, Maryland, Pennsylvania, North Carolina, and Washington DC were all officient at come point by the Saw.

Another Outage

This adventisement was placed to various St. Look pages on June 9, 1991:

AN OPEN LETTER TO OUR BUSINESS COSTOMERS:

At Nonthernbern Bull Telephone, we've built a high intendent of european exercise and we take pride in that. Unfortunately, we recently experienced a sure failure in a computer system that integrationally.

At a result, about 200 In Lond-wind business subserves that across to important deprobably services. For those of you whose service was imported, that failure translates to a discontinuous part, at first, as immediates to your consistent. We applied to problem import of the surface. He applied to problem imported to your custometer. He applied the problem imported in this surface. Though the problem imported langue than any of an wealth here third, we made energy effort to see that it was fixed as paintly an

acres in round. problem, we exhibited the help of expensi from logging more than 2,550 hours, to cornect the populati. Our activities worked around the clock

to you. We are committed to coming your adoptions: complian, we will persist with the service we provide car focus has suffice to justice approxing the custom's 明隆 節 医骨髓 多一個人情報 等品的 医对抗性性结合 おいたのはないのである。 から するなど ではない かいかいかん かいからかん Contraction on how we can produce the programme of security teproving the system, and we want to have well interruption. We show to share with you can place for therety your light extractions and case. In the case, live days, · 医医院 學院 不可以 人名 人名 医性病病 医沙 医病 医食 医 en est delividado contentações estas contentas estas Sell I bear the car though to be the to a le the

Randy Barrey

Mineral Design

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Smulbwestern Bell's mehnicians logged, bedown, and banks were out off fewer their main deliberately. In addition, ATM's page ship down problems erippled its competenized bening were down for, Six days: neglected to mention just how long their companers happy to tell everyone how many hours. computers. Whate Roady Barray was more than the online Sedenal Reserve System was slowed liable unless at one be proven that they did this according to expens, Southwestern Bell is not operators. Customen were not very happy. And to their away their engineers because the phone Adiagron Park Recertack near Chicago. They had Among the ensualties of this scrowup was

didn't serieignate it the first famou don't anicipate this hypponing again." They saw A Southwestern Boll spekingerson and "We

does not come cheep. their responsers. "You would rether it not have hypothed at all." Such a keen sense of periopiso Dot at least we know they're in bouch with

Caller ID Pushers

operators, who adorabled the caller to the called of privacy between rading and called parties is the Iclephone service, all calls were placed through result of technology, not social policy. In early services as seem as possible. The overest belonce the implementation of Callet ID and CLASS Commission from New York Telephone argued for American telephone extremers had in 1950, person Party line service, which three question of A recent letter to the Public Service

> apped the balance in favor of the railer when be private. By the 1990's, selephone rechnology provided a cleak on the attorymity of the ration change, which cannot the imbalance, now can help videspread, as did arrangence calls. Technological vince outgoing calca could not be depended upon to direct-dial, single party telephone service become

improve it, in the room of Caller ID."

number. By Joing it this way. New York have to dial a special code (*67) before every call persoll blocking, meshing that the caller would mede from a particular ramber (except to 911) called had state a conscious allocated cooks design numbers and the called party would know that the Telephone reasons, less people would block their they wanted to make without transmitting their party. New York Telephone words to instead offer would not transmit the phose number to the called want in All pall blocking would meet dut all calls implementing all-call blacking for customers who They then use this as justification for not

everyone is allegedly gatheg? We think they're feed so if they're guilty of some come, more people like k your number and if those who to are made to that appealing. But if it's made more difficult to their phase members, their product wire't really be to the public. If not many grouple elect to block most more concerned about selling their product concerned about all of these barawing calls that will subscribe and the physic comparing will take it Why are the phone companies scaldenly so

And that wealth't make settly settle to be miless called are calling non-emergency numbers. country. Caller ID is igralewant in these cases long distance company, or simply be set of the hardsing phone calls. Totally approx. All a paller emorgoncy, would \$1.2) This will spell the end of service is becoming available throughout the regardless of whether you use call blocking. This Enlarged 911 passes your number to the police transmic their number in an emergency. Not true consider the case this of misinformation all of the has to do is call from a payphone, a calling card, a who block all of their salls won't be able to plusie companies insist on spreading. I) Propée If you still believe that this is about privacy

manage to do up the plante companies would be excisity, and the proper company. what society wants or needs, lot's leave that up to their arrival before they begin speaking. And as for positive for those people who want to amounts better actions to profit do the service as soundhing who want to remain anonymore will always Since the appearance by the second of the party of

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just a synchesis of current trends, however classic Mackers, Whereas Levy's treatise Cyderpunk depicts the heaking altestyte and hadding as it is in the hursi and new More than Cytherpunk is the New Testament depicting extressed the origins of harking in its intency. Opportunition from sequent Seventlery's

> computerholics or socially interior psycho cases boundless tascination with computers and blast away some of the antiquated state-objects scrape from reality. If anything, Cyberpunkt will of Nation, at to suddep are out of the "water, to own, Yes hackers have emptions, desires, and information. Cyberpurk portrays happers as trey further persent thoughout the 60s. problems just like we do. No, they're not all many are that people with thee not united our cyterpunicautum that has excited alongside out

Gitson's Neuromanose, traveling the set in the liveness of the character Case in William Pergo was any a computer outlaw, aspring to epitomizes what it means to be a cyberpunk Befrer Who, more than any other character and ran (Robert Morris) together. The most counterparts, Indiaed, the (Inter) their is one of the identify closely with their science totan interesting story by far is fact of Peogle, a West Day treat the forter be of Which Pergo. in Cyberpank, all the central characters

PURE CYBERFICTION

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(this was but admitted by the U.S. governous) tile without hall was braid on faire information Host of the U.S. government expended to the gradible by the U.S. government. Case to point Most victor sew product a southward and Learny Disease and his cromes (Steven Proactes of period only District DEC worldn't it pages was the information eliminated from the final lieu of coort ordered resultation (\$12,000). Why work for DEC as a computer security consultant in Estimate arose that Land Dicioso was going to 1) In the galley copy of Cybergana, Kasie

a review of cyberpunk

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Competer Learning Center of the Argeles, no making with Barnie. Very interesting, since at the was always dating to the compater room when date. To point an appearant picture, the stated that I describer a promoto where I solve Georgia out on a information. For example, on page 84, Karie if you'd go so and on, or in simple verifiable

Mitrial is the only central character that refused to than with anything asso, it is also no concidence that appear to be more incersed with Mithiak's affaids number of passages, a valida significant a authors authors' own prejudices sepping though the chadis the first that Withink's equipies appear equal, if not hat Ministrates singraf the trace. The is despite between the fires. Attrough no one is shower in Jatortureney, the bas rears its ugly freed in a ess damaging, than those of the others Cyberpunic readers will easily get the impression

will liesue readers spellbound while they sugged trought providing boising glass into the fives of the most interesting people in the Information Age. The true talus of these harbinger heckers Togglet to the kings, Change his mains a

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objectivity". This resulted in my refusal to time, hassen they hid under the past, of "builted are of this book. I could only say it is sad that the authors were two cheap to compensate are for any edisations and investigate stories in part Ibere um many, many fulfe gie fechentig

miscaphesentation of facts. peoperation which resulted in a strong bias and co-defendant, Longy Diemon. She dot gain has hell believe the authors acted with matter due to my hope was seeking the exeperation of my convicted refused to participate for their State Higher's endy So, Pari coe of the book is 20 persons insocietate. I perpended men figuiore books is one what it chains to through as long, as readers understand this In summary, Cyclopaout is an interesting read-

Summer 1991

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THE LASE FEW MONTHS, UNFORTUNATELY, WHEN THIS

YOURSELF WONDERING WHY YOU HAVEN'T SEEN 2600 IN HOUNDING OUR (FORMER) READERS, SO YOU COULD FIND

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SHOULD TAKE IT VERY SERIOUSLY UNLIKE MOST OTHER

IF YOUR ADDRESS LARES SAYS IT 8 TIME TO REVEW, YOU

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ENTAILS, DON'T GET CAUGHT SHORT, REMEW BEFORE YOUR

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WORRY ABOUT THIS QUITE SO OFTEN AND FOR YOU

LAST ESUS ARRIVES SO THERE WON'T BE MAY GAPS.

EVER MISSED AN ISSUE OF 2600, YOU KNOW WHAT THAT

getting into. Consider the price 560 have to pay. Believe me, in my eyes intener worth it. It was days are over. Also, I'd like to add, to any hackers out there, neake sare year know what you're magazine passes a threat to the security of this institution. Let me also say that my hacking but H's really sucking. [The above is] what I received instead of 2600. Apparently your could tell you that Prison Unitip is not that had. Sure, M's not like the prison you see on TV hooky. Um currently being held in a Festeral Prison Camp in Talladega, Alabama. I wish I for while it lasted. Hay safet the Leftist" Frank Darden jone of the Atlanta hackers) writes: "Well, here I sit A prisoner of my own

without charges and how to disrept the operation of the phote. Suggestions on Page 27 retaphones. Based on these three articles. I feel I have no alternative but to stand by bry Coording how to make likely litelephone calls with the help of recorded tones and by use of two provious decision to reject this issue of your 2000 magazine." do not feel these articles are appropriate for reading by the immates: 'COXXVI' Troubles' on (CCR)O(f). Since the delephones used by the instale population are of the coin operated type. U.S. Department of Justice: "After careful review of your magazine and conferring with the Mathod' on Page 26 describes how to make usauthorized calls from COCOT type phones Page 24 describes how to make unsurborized calls from COCOT type telephones. 'Another information which promotes the lifegal use or disruption of coin operated type telephones Institution's electronic technicism. I feel the below tisted articles to be improper as they could be We pursued the matter and in July received this response from Warden Roger Scott of the

prison would have COCOTs. It's very likely, though, that he doesn't even know what a the metadeal ignorance that put him in prison. Sometimes it seems like an endices keep. COCOT is and is just associated that all payphones are the same, in the end, rechibest igaserance by the authorities prevents Durden from reading the only magazine that talks about The "articles" he refers to are, of course, actually letters. We think it's very onlikely that a

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